Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 FEBRUARY 27, 1939 Number 9

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TVA Phosphate Plant Approved by Senate

OPD Washington Bureau
February 22, 1939

The senate today passed the independent office appropriation bill including funds to permit the Tennessee Valley Authority to commence construction of a blast furnace for the production of concentrated phosphate fertilizers, and of a washing plant for treating phosphate matrix.

These items were not approved by the house committee on appropriations in drafting the bill and an attempt to insert them was made on the floor of the house without success, so the matter will be the subject of conference between the house and senate. While the senate gave much debate to TVA appropriations for construction of additional dams which were eliminated by the house, funds for the phosphate plant were approved without discussion.

A protest against appropriations for these items, particularly the blast furnace, has been sent to all members of Congress by the National Fertilizer Association, pointing out that the blast furnaces is not necessary for research work and that there is already an excess of capacity for commercial production of concentrated superphosphate.

As passed by the senate the bill would permit TVA during the next fiscal year to use $450,000 for the purchase of a blast furnace and $25,000 toward the construction of a washing plant, but hearings before the senate committee on appropriations indicate that these sums will not cover total costs and that further appropriations will be required in later years. The proposed washing plant would be used in processing phosphate matrix obtained from deposits already owned by TVA and will ultimately cost $500,000. The blast furnace will ultimately cost approximately $750,000 and would be of commercial size and replace a laboratory-size blast furnace which has been operated by TVA for some time. TVA officials stated that while they have made such progress in developing concentrated phosphate fertilizers in their experimental blast furnace, they desire a commercial size furnace in order to determine production costs on a commercial scale.

Tire Firms Sued On Identical Bidding

OPD Washington Bureau
February 20, 1939

In an unprecedented antitrust action, the Department of Justice today filed suit in the United States District Court for the Southern District of New York against eighteen of the principal automobile tire manufacturers of the United States, asking triple damages totaling $1,053,474, on the basis of an alleged conspiracy to fix the price of tires sold to the Federal government during the last two years.

In a statement announcing filing of the suit, Thurman W. Arnold, Assistant Attorney-General in charge of the antitrust division, indicated that action may be taken against the suppliers of other products making identical bids for government contracts. He listed a number of products on which identical bids have been received in recent years, including petroleum products, explosives, scientific apparatus, disinfectants, salt, matches, denatured alcohol, and declared that the department felt that such identical bidding, "whether or not supported by other evidence, creates a presumption of a combination to fix prices."

The government chose to act against the tire companies through a civil proceeding seeking triple damages in its capacity as a purchaser, with the explanation that the recovery will be greater than the maximum fines recoverable in a criminal proceeding. The complaint states that the Procurement Division of the Treasury Department opens automobile tire bids twice a year, and that on four sets of openings, commencing October 1, 1936, bids identical

—Continued on page 28

Trade Use of 'U.S.' Opposed in Congress

OPD Washington Bureau
February 22, 1939

The use of the terms, "U. S.", or "United States," in trade-names or private business would be prohibited under the terms of a bill (R. R. 4361) introduced in the house by Representative Usher L. Burdick of North Dakota.

The measure provides that the terms are not to be used in trade-names unless the United States government owns at least 51 percent of the capitalization, and the control and management of the concern is under the direct supervision of the government. Private firms now using the words would be required to discontinue their use not later than July 1, 1940.

The penalty section of the bill provides for a penitentiary sentence for one year for violators.

Materials Preparedness Hearing Set by House

OPD Washington Bureau
February 23, 1939

Congressional action appears probable this season on legislation to create stock piles or reserves of materials considered strategic and critical from the standpoint of national defense. Such legislation has long been sought by the war and navy departments and a large number of bills on the subject have been introduced during the session.

A subcommittee of the senate committee on military affairs has already approved an amended form of the bill introduced by Senator Elbert D. Thomas of Utah (S. 572) and action by the full committee is expected in the near future. The house committee on military affairs has held one hearing on a group of bills on this subject, and another hearing is scheduled for February 28.

Changes in the Thomas bill were recommended by the senate subcommittee to meet requests of the American Manganese Producers Association and other domestic interests by declaring it to be the policy of Congress to encourage the further development of mines and deposits of these materials in the United States, and to provide that purchases for stock piles shall be subject to the so-called buy American act, which requires preference for American sup-

—Continued on page 28

Phosphates Recovery Wins Patent Suits

The United States Circuit Court of Appeals for the Third Circuit, Philadelphia, in a two-to-one decision, has sustained the patent of the Phosphates Recovery Corporation on the Chapman and Littleford process of recovering phosphate from the waste of ordinary separation processes in the Florida field.

At the same time the appellate court, in a unanimous decision, affirmed a lower court's dismissal of a cross-suit by the Southern Phosphates Corporation, Baltimore, which alleged that the Chapman and Littleford process infringed the Christensen patent on phosphate recovery.

Both actions had been decided in favor of the Phosphates Recovery Corporation in the United States District Court for Delaware. Both alleged counter-charges of patent infringement.

The basis of the Chapman-Littleford patent is the treatment of phosphatic material in the form of an oiled pulp on a shaking table. The patentability of this was questioned in the district court by the Southern company on the grounds that it differed from earlier flotation processes only in making use of the known application of oil to mineral pulps and of the action of a well-

—Continued on page 22

TAPPI Reviews Results Of Research Activities in 1938

A review of the results of research activities in the industry during 1938 occupied the interest of approximately 300 members attending the twenty-fourth annual meeting of the Technical Association of the Pulp and Paper Industry, in the Roosevelt hotel, this city, February 20-23. Frederick C. Clark, of the tissue division of Pond's Extract Company, Seymour, Conn., was re-elected president.

Other officers elected for 1939 are:—Vice-president, W. H. Swenson, of the Kimberly-Clark Corporation; secretary (re-elected), Ronald G. Macdonald. Elected to the executive committee for three-year terms:—V. P. Edwards, of the International Paper Company; F. D. Libby, of the Kalamazoo Vegetable Parchment Company; R. C. Griffin, of Arthur D. Little, Inc., and H. H. Harrison, of the Crystal Tissue Company.

Reviewing the history of the association, Mr. Clark, in his address as president of the association, declared that the association will continue to grow as long as there are members who recognize that the best of yesterday will become the commonplace of tomorrow. Mr. Clark said that the coming year will see further new uses for paper.

At the close of 1938 the association had 1,529 members, Ronald G. Macdonald, secretary of the association, said in his annual report. Reviewing the activities of the past year, he said that many companies in the industry have asked the association to aid them in securing competent men, and that the association has been able to help the industry. Answers to many of the technical inquiries received throughout the year, he reported have been issued as special reports.

Lewis B. Miller, of the Keasby & Mattison Company, Ambler, Pa., submitted preliminary data on the use of the combination of alum and specially prepared silicate solutions in paper manufacture. He said that this combination has been recently developed and is being given consideration for use in water clarification. He also discussed technical considerations involved in the use of alum for filler retention and for the retention of various types of dyestuffs. The sign of the charge on alum floc and its significance in the use of alum is indicated. He also discussed the chemistry of the formation of rosin size and its precipitation by alum. He told of his study of the use of alum as a conditioner of the various types of hard waters used in paper manufacture, and he presented the results obtained on the use of alum for improving starch retention. Floc forming chemical materials other than aluminum compounds and their probable uses in paper manufacture came in for discussion.

Georgia Leffingwell and Milton A. Lesser, both of the Glycerine Producers Association, this city, presented a paper in which it was explained that glycerin's unique combination of physical and chemical properties is used in the manufacturing and processing of paper, "to keep paper soft, to give body, to increase germicidal power, to soften, to prevent shrinkage and to improve paper flexibility." Newer developments include these and other applications. The study further informed that glycerin-phthalate resins are finding use as coating, impregnating, laminating and strengthening agents for paper and fiber board.

H. R. Thies, of the Goodyear Tire & Rubber Company, Akron, read a paper on "Pliolite—A Coating Material for Paper." Mr. Thies gave the structure and X-ray diffraction patterns of various rubber derivatives. He discussed the adaptation of "Pliolite," a cyclized

—Continued on page 22

TNEC to Be Told About F.T.C. Probes

OPD Washington Bureau
February 23, 1939

Hearings in the monopoly investigation by the Temporary National Economic Committee will resume February 28, with a presentation by the Federal Trade Commission of a description and analysis of its experience with a number of industries.

Specifically named for discussion are steel, milk, cheese, sulphur, rubber, farm machinery, fish, liquor, poultry, and artichokes. It was stated that not all these industries will necessarily be covered in the current phase of the commission's presentation, which is expected to last for two weeks, and that the material will include basic and overall data for industry generally.

It is expected that the commission will review its work in administering the laws under its jurisdiction affecting business and industry, including such subjects as price behavior, marketing practices, purchasing agreements, resale price-maintenance, basing-point pricing systems, trade association activities, and related subjects.

No date has yet been set by TNEC for consideration of the petroleum industry, although it is known that both the Federal Trade Commission and the Department of Justice have gathered many data on this industry and are at present seeking more information through questionnaires and special studies. It is probable that the oil investigation will be reached sometime in April and will cover a wide range of subjects, including the control of pipelines by major producers, relationships of producers, jobbers, and retailers, price fluctuation, effect of State proration laws, and many other aspects of the oil industry.

The Federal Alcohol Administration has announced that it will submit to TNEC a report on the liquor industry which will include the operation of the Miller-Tydings act and State resale price-maintenance legislation, as well as corporate setups, intercompany relations, financial arrangements, sales and distribution organizations, price policies, advertising methods, employment conditions, and relationships between liquor producers and suppliers of grains, bottles and other materials.

Tariff Bargain Data Sought by Vandenburg

OPD Washington Bureau
February 20, 1939

Senator Arthur Vandenburg, of Michigan, has introduced a resolution (S. R. 80), to call upon the United States Tariff Commission to report to the senate whether any tariff rates have been reduced in reciprocal trade agreements to a point where they are insufficient to offset the differences in costs of production in the United States and abroad.

The preamble sets forth that one of the duties of the United States Tariff Commission is to determine whether differences in foreign and domestic production costs in connection with changes in duties, and that the trade agreements act requires the President to seek information and advice from the commission before negotiating trade agreements.

Pollution Bill Passage By Senate Anticipated

OPD Washington Bureau
February 22, 1939

The senate today began consideration of the water pollution bill (S. 685), introduced by Senator Alben B. Barkley of Kentucky, which was reported without amendment by the committee on commerce. At the request of several senators, final action was postponed, but early passage is anticipated.

A similar bill has been introduced by Representative Joseph J. Mansfield of Texas, chairman of the house committee on rivers and harbors, and this committee has scheduled hearings for March 3 on this and a number of other bills dealing with stream pollution.

Closing Market Developments

Cottonseed Oil Firmer

Cottonseed oil futures were firmer on Friday, the trend of prices being upward with lard. July closed at 7.09c. and September 7.18c., showing a small advance as compared with the final prices of the previous Friday. Switching from March to later months was a feature of the trading.

Tin Salts Higher

The derivatives advanced fractionally late in the week. Tin crystals were 36c. to 36½c. per pound; anhydrous, stannous chloride, 44c. to 44½c. per pound; anhydrous, tetrachloride of tin, 23¼c. per pound, and soda stannate, 30½c. to 33½c. per pound. Straits metal closed at 45.55c. per pound.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Medicinal Samples:—Yugoslavia has issued a decree prohibiting the importation of all medicinals into the country marked as "samples without value."

Sulphanilamide:—Benzedrine and sulphanilamide have been added to the 1939 poisons list of the United Kingdom.

Sulphanilamide:—A Panamanian decree prohibits the sale of sulphanilamide, sulphamidil, estretocida and prontosil except by prescription issued by a licensed physician.

D.D. Van Slyke Wins Willard Gibbs Medal

Chicago, Feb. 24, 1939

The Willard Gibbs Medal of the Chicago section of the American Chemical Society, one of the highest scientific honors bestowed in the United States, has been awarded for 1939 to Dr. Donald Dexter Van Slyke, research chemist of the Rockefeller Institute for Medical Research, New York.

Dr. Van Slyke is an authority on the chemistry of proteins, enzyme action, blood chemistry, and the metabolic conditions of diabetes and nephritis. As chief chemist of the Rockefeller Institute hospital since 1914, he has carried on studies of immense importance to clinical medicine, according to the announcement.

Dr. Van Slyke was born at Pike, N. Y., March 29, 1883. His father, Lucius Lincoln Van Slyke, was chief chemist of the New York State Agricultural Experiment Station at Geneva, N. Y., from 1890 to 1931. After studying for a year at Hobart College, Dr. Van Slyke entered the University of Michigan and took the bachelor of arts degree in 1905. Working with Professor Moses Gomberg on derivatives of triphenylmethyl, he received the degree of doctor of philosophy from Michigan in 1907. Since then he has been associated continuously with the Rockefeller Institute.

Arnold Heads A.S.T.M. Textile Finishes Committee

L. B. Arnold, jr., of E. I. du Pont de Nemours & Co., Wilmington, has been appointed chairman of the special committee for testing of textile finishes organized recently under the sponsorship of committee D-13 on textile materials of the American Society for Testing Materials. The research program of the committee will be carried out by its own research associate at the National Bureau of Standards. It will emphasize methods for the physical evaluation of the "handle" of textiles and will include test methods for certain other types of textile finishes.

National Distillers Increases Standard Alcohol Holdings

In addition to its 35 percent common stock interest in the Standard Alcohol Company, this city, annual report of the National Distillers Products Corporation disclosed that a like interest in the preferred stock had been acquired in 1938. Through this acquisition all outstanding stock of Standard Alcohol was owned 65 percent by the Standard Oil Company of New Jersey and 35 percent by the National Distillers.

Chemical Prices Little Changed

Sellers were not very active in respect of prices in the markets for heavy and fine chemicals last week. Such few changes as were made were in part specialized and in part a mere balancing of group schedules. No definite trend was manifested.

Business as a whole was relatively inactive during the week, the holiday aggravating the quietness that has prevailed this month. The hesitant buying attitude of major industrial consumers has failed to have a reflection on the price structure for the more important heavy chemicals. Inventories of consumers as a whole were reported to be at relatively low levels. Because of the inventory situation, sentiment in the markets generally favored a revival shortly of buying interest in volume sufficient to cover early seasonal Spring requirements. Industrial production schedules in all directions remained unchanged.

Prices were advanced on white lead in oil, medium grades of gum rosin, and domestic tankage.

Prices were reduced on sulphanilamide, mesityl oxide, valonia cups, several copals, gum turpentine, and domestic dried blood.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.9, compared with 89.7 at this time last year and 89.2 in 1937.

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Chemical Output Statistics for 1937

Statistics on the 1937 United States production of miscellaneous chemicals, in which are included chemicals other than those for which separate reports have been issued, with comparative figures for 1935, compiled from data collected in the Biennial Census of Manufacturers by the Bureau of Census follow:—

	1937.	1935.
Acetone—		
Establishments	9	7
Pounds	84,369,475	68,921,870
Value	$2,845,436	$2,642,149
Acetylene—		
Establishments	130	116
M cubic feet	1,511,445	1,143,199
Value	$19,166,420	$14,747,824
Aluminum Acetate—		
Establishments	5	5
Tons[1]	[2]	175
Value	[2]	$30,285
Alumina Chloride (crystal and liquid)—		
Establishments	10	10
Tons[3]	4,034	2,339
Value	$623,639	$397,295
Aluminum Oxide—		
Establishments	7	4
Pounds	[2]	22,035
Value	[2]	$3,852,141
Aluminum Stearate—		
Establishments	11	12
Tons	2,258	1,896
Value	$856,771	$633,274
Aluminum Sulphate—		
Establishments	21	22
Tons	394,438	348,030
Value	$8,782,089	$7,748,490
Ammonia Alum—		
Establishments	9	7
Pounds	14,397	5,188
Value	$505,954	$259,292
Ammonia Acetate—		
Establishments	4	[2]
Pounds	46,435	[2]
Value	$8,342	[2]
Ammonia, Anhydrous[4]—		
Establishments	12	11
Pounds	[2]223,040,588	138,787,725
Value	[2]$8,867,638	$5,679,399
Ammonia, Aqua, and Liquor[5]—		
Establishments	34	40
Pounds (NH_3 content)	25,461,214	23,915,726
Value	$1,310,227	$1,235,479
Ammonia Nitrate—		
Establishments	10	9
Pounds	45,560,194	25,297,894
Value	$1,130,764	$673,704
Ammonia Sulphate—		
Establishments	18	18
Tons	102,248	96,229
Value	$2,417,634	$2,073,258
Ammonia Sulphide—		
Establishments	4	5
Pounds (basis 100 percent)	[2]	842,248
Value	[2]	$85,730
Ammoniac, Sal—		
Establishments	8	9
Pounds	39,599,247	34,864,681
Value	$1,821,494	$1,583,613
Amyl Acetate—		
Establishments	9	10
Gallons	1,521,997	1,025,789
Value	$1,188,779	$789,293
Amyl Alcohol, including refined fusel oil—		
Establishments	11	11
Pounds	[2]	5,160,604
Value	[2]	$568,111
Barium Sulphate (Blanc Fixe)—		
Establishments	9	11
Pounds	10,396,178	7,809,136
Value	$278,186	$235,836
Bismuth Subcarbonate—		
Establishments	5	6
Pounds	247,699	231,432
Value	$313,426	$364,265
Bismuth Subgallate—		
Establishments	6	5
Pounds	40,861	24,328
Value	$55,270	$38,685
Bismuth Subnitrate—		
Establishments	6	6
Pounds	262,867	269,193
Value	$309,678	$360,303
Bleaching Powder[6]—		
Establishments	14	16
Tons[11]	45,908	39,561
Value	$937,197	$909,071
Blue Vitriol—		
Establishments	17	15
Pounds	71,917,889	54,759,439
Value	$4,073,654	$2,002,009
Butyl Acetate—		
Establishments	9	9
Gallons	9,316,128	5,631,056
Value	$5,084,985	$3,686,689
Calcium Acetate—		
Establishments	21	24
Tons [10]	22,517	25,851
Value	$726,655	$825,522
Calcium Carbide—		
Establishments	7	6
Tons	193,045	147,092
Value	$9,844,245	$6,234,380
Calcium Carbonate		
Establishments	9	6
Tons	71,236	33,971
Value	$1,667,780	$859,649
Calcium Chloride, Flake[12]—		
Establishments	5	4
Tons (basis 73-75%)	223,641	197,948
Value	$3,753,744	$3,205,727
Liquid—		
Establishments	8	5
Tons (basis 75%)	35,089	21,527
Value	$341,724	$314,613
Solid—		
Establishments	5	5
Tons (73-75%)	4,882	7,526
Value	$85,556	$108,548

[1] Production in 1935, basis 20 percent.
[2] Withheld to avoid disclosing approximations of data reported by individual establishments.
[3] For 1937 and 1935, 100 percent.
[4] Includes production from ammonia liquor. Amount of such production for 1937, 2,662,290 pounds, valued at $246,297; for 1935, 2,990,685 pounds, valued at $388,699.
[5] Figures for 1937 and 1935 include data for ammonia produced in manufactured gas industry. For production coke industry, see Bureau of Mines report, "Coke and By-Products," in Minerals Yearbook, 1938 and earlier years.
[6] Sometimes called chloride of lime, calcium oxychloride, etc.
[10] Quantity incomplete.
[10] Production in 1937 and 1935, basis 80 percent.
[11] Basis 35 to 37 percent.
[12] Data for calcium chloride made by establishments engaged primarily in production of salt included in 1933, but not for 1937 and 1935. Such production 1937, reported by four establishments, amounted to 7,303 tons, valued at $66,591. In 1935, eight establishments reported production of 8,044 tons, valued at $50,442.

(To be continued)

Home-Building Slated For Antitrust Probe

OPD Washington Bureau
February 21, 1939

The antitrust division of the Department of Justice is conducting a general and continuing study of material prices and construction practices affecting costs of home building, to determine whether there are any violations of the antitrust laws contributing to the high cost of home ownership.

The survey has been started by the division's economic section and will be augmented if more funds are appropriated for antitrust investigations during the coming fiscal year. The principal materials going into home construction are being covered, including lumber, cement, masonry materials, plumbing supplies, electrical supplies, millwork, and roofing materials. The department has received many complaints that whenever there is a slight increase in the volume of home construction, the prices of many building materials are advanced more or less uniformly. Part of the survey will be to determine whether such price advances are effected by illegal agreements, by the operation of the law of supply and demand, or by the natural desire of producers to recoup losses of lean years.

Labor practices affecting building costs will also be studied, for example, the reported refusal of certain unions to use labor-saving devices, such as paint sprayers, but it is not expected that any antitrust suits will be brought against labor unions unless it is discovered that unions are in conspiracy with material suppliers to maintain prices and restrict sources of supply. For example, there have been many complaints that in some localities plumbers refuse to install equipment not purchased through specified distributors.

Thurman W. Arnold, assistant Attorney-General in charge of the antitrust division, has frequently commented publicly on the high cost of home construction and suggested that this might be a field where vigorous enforcement of the antitrust laws would be of general economic benefit. Some suggestion has been made that, through consent decrees, the department could secure an agreement among material suppliers to reduce all prices, but antitrust attorneys are generally of the opinion that concerted action to reduce prices is no more legal than an agreement to increase them. Department officials will not state whether any antitrust suits may be brought in the building supply field in the near future, but they declare that the study will be a broad and continuing one and will cover economic and financial aspects of the home building industry, as well as the legal angles.

Cleveland P.V.P. Club Expects National Meeting

Cleveland, Feb. 20, 1939

The Federation of Paint and Varnish Production Clubs is seriously considering Cleveland as the 1939 convention city, Vernon Ladd, former president of the federation, reported to members of the Cleveland Paint and Varnish Production Club, at its monthly meeting February 17. The club then voted in favor of acting as hosts, and a committee was appointed to work on the details for a report to federation headquarters. It was understood that the convention time will be around September 1.

Mr. Ladd explained that the National Paint, Varnish and Lacquer Association will hold its 1939 meeting in San Francisco November 1-3, and consequently the federation was considering an intermediate point between the coasts which will allow the Eastern and Middle States members of the association to attend the annual federation meeting and paint show.

N.P.V.L.A. Wholesale Division to Meet Mar. 31

The wholesale division of the National Paint, Varnish and Lacquer Association will hold its twenty-fifth annual meeting in Chicago, March 31—April 1. A program dealing with the distribution of paint products is being formulated.

Medicinal and toiletry manufacturers in France have been listed by the Bureau of Foreign and Domestic Commerce, Washington. Lists are available to accredited American firms at the usual charge of 10 cents.

Tung Oil Project Gets WPA Funds

OPD Washington Bureau
February 21, 1939

A WPA allotment of $13,797 for establishment of a tung oil experiment station on State-owned property in Pearl River county, Mississippi, has been approved by the president, the Works Progress Administration has announced.

The Federal funds will be supplemented by $4,310 put up by the Mississippi State College, which is sponsoring the project.

Drug Retailers Rap Combination Deals

The evils of combination deals were scored by representatives of retail druggists of three States in a "Retailer's Forum" held under the auspices of the Drug Chemical and Allied Trades Section of the New York Board of Trade in the Hotel Commodore, this city, February 21.

A. R. Granito, Hackensack, N. J., former president of the New Jersey Pharmaceutical Association, said that, although retailers, through fair trade, had shifted the weight of competition between products to manufacturers where it belonged, manufacturers were seeking to shift it back on retailers through combination deals. He explained:—

After all flowery phrases are digested and discarded, the net result of all combination deals is that retailers are stuck with more or less unsalable merchandise while deal merchandise is being disposed of. Before one deal is sold out, No. 2 comes along, No. 1 is less salable; then, with the same effect, No. 3, No. 4, etc., ad infinitum, ad nauseum.

Nathan Zonies, Philadelphia, president of the Pennsylvania Pharmaceutical Association, said:—

Consumer prices on trademarked arti-

—*Continued on page* 39

Naval Oil Reserve Along Cal. Coast Urged

OPD Washington Bureau
February 20, 1939

The Navy Department today asked Congress to take immediate steps to set aside as a naval petroleum reserve oil deposits underlying the coastal waters of California, and a resolution (H.J.R.176) to accomplish this was immediately introduced by Representative Sam Hobbs of Alabama.

The navy's request supplements a similar recommendation made by the National Resources Committee in its report on energy resources of the nation, sent to Congress last week with a special message by President Roosevelt. The subject of ownership of submerged oil lands has been before Congress for the last two or three years, and in the last Congress the senate passed a resolution sponsored by Senator Gerald P. Nye of North Dakota which would have asserted the Federal government's ownership of all coastal lands within the 3-mile limit, including mineral deposits underlying them and structures erected upon them. This resolution failed to be acted on in the house.

The Hobbs resolution would apply only to submerged lands along the coast of California, but a proviso states that it should not be considered as waiving any claim the government may have on submerged lands elsewhere. It declares that the conservation of petroleum deposits underlying submerged lands adjacent to and along the coast of California below the low-water mark and under the territorial waters of the United States is essential for national defense, maintenance of the navy, and regulation and protection of interstate and foreign commerce. The resolution asserts the paramount and exclusive powers of sovereignty of the United States for those purposes and specifically sets aside such deposits as a naval petroleum reserve subject to the same control of the Secretary of the Navy as is provided for other naval petroleum reserves. This action, however, would be subject to any superior right, title, or interest of any person or of the State of California or its political subdivisions which may have been granted by the United States or which may have become otherwise validly vested, or which may be established in subsequent judicial proceedings.

Drug Labels Must Bear Adequate Hazard Warnings

OPD Washington Bureau
February 23, 1939

Manufacturers of dangerous drugs have been notified by the Food and Drug Administration that such products must bear warning labels so conspicuous as to arrest attention of the ordinary consumer, and that many products now on the market do not have a warning label which meets the requirements of the new food, drug, nad cosmetic act.

Last Fall the administration specifically listed preparations containing aminopyrine, cinchophen, neocinchophen, sulphanilamide, and related products as coming under the dangerous drugs provision, section 502 (j), of the new law, which section is already in effect. Since then, food and drug inspectors have found that many of these products, although relabeled, still do not meet the requirements of the law and are being sold in considerable quantities.

Many of these carry warnings reading only: "To be used under the direction of a physician only," the administration considers such language an insufficient warning.

Instead of seizing these products the administration is sending a circular letter to the trade calling attention to this condition. It is stated that the same principle applies to other drugs which may be dangerous to health in addition to those specifically mentioned. The text of the circular letter, signed by W. G. Campbell, administrative chief, is as follows:—

You are familiar with the trade notices issued by this administration August 26 and September 8, 1938, relating to the distribution of preparations containing aminopyrine, cinchophen, neocinchophen, sulphanilamide, and related products. In brief, these notices announced the administration's opinion that such drugs, if distributed so that they would be used by the general public without appropriate medical supervision, would be regarded as misbranded in violation of section 502 (j) of the food, drug, and cosmetic act.

Following the issuance of those announcements, manufacturers generally placed upon their labels such warnings as "To be used under the direction of a physician only," with or without a statement to the effect that the drug has been reported to have caused untoward reactions in some individuals.

That these warnings are not adequate to prevent the indiscriminate distribution and use of such drugs is obvious from the fact that, notwithstanding such labelings, they are reaching the general public in considerable quantities.

The purpose of this letter is to inform you that, to effect the obvious purpose of the law in the protection of the public health, preparations of the character referred to above will be regarded as misbranded if they are not labeled with a warning so conspicuous as to certainly arrest attention, and in such informative terms as will not fail to apprise the user of the danger of irreparable injury if the article is consumed without adequate and continuous medical supervision.

It should be understood that this principle applies not only to the specific drugs which were dealt with in the trade announcements referred to above, but is applicable to all drugs which may be dangerous to health unless used under appropriate supervision.

Drug Law Deferment Not Favored by F.D.A.

OPD Washington Bureau
February 21, 1939

Suggestions, emanating from the food, drug and cosmetic industries, that Congress be asked to postpone the effective date of the new food, drug and cosmetic act beyond the provided date, June 25, 1939, are not looked on with much favor by officials of the Food and Drug Administration. Their position is that Congress gave the industry twelve months to comply with the law, which is a much longer period than is provided in most new legislation, and that a majority of manufacturers are making earnest efforts to comply with the law on that date.

Manufacturers who are not making the necessary preparations already would probably find themselves in as much difficulty six months from now as at present, it was opined in official circles. Futhermore, it is felt that many manufacturers who are unable or unwilling to comply with the new law would take advantage of a postponement to continue the distribution of products which Congress intended to keep out of interstate commerce after June 25.

The problem of retailers' stocks, which appears to be causing some concern in the trade, would be the same no matter what the effective date might be, in the viewpoint of department officials. Stocks of goods in retail stores after June 25, which were shipped prior to that date, will not be liable to seizure under the new law unless they again enter interstate commerce, but officials are seeking to discourage retailers from laying in large stocks of products which will be illegal if shipped interstate after the effective date of the act.

Parran and Moore DCAT Dinner Speakers

Dr. Thomas Parran, surgeon-general of the United States Public Health Service, and Roy W. Moore, president of Canada Dry Ginger Ale, Inc., will be the speakers at the fourteenth annual dinner of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, to be held March 9 in the Waldorf-Astoria, this city, according to Francis J. McDonough, of the New York Quinine & Chemical Works, this city, chairman of the program committee. Dr. Parran's address will be broadcast. R. D. Keim, vice-president of E. R. Squibb & Sons, will serve as toastmaster

Penna. Chain Store Tax Held Unconstitutional

Harrisburg, Pa., Feb. 20, 1939

The chain-store tax of the State of Pennsylvania was held unconstitutional by the Dauphin County Court today. The tax, passed by the 1937 legislature, has been virtually ineffective because of preliminary injunctions granted most chains operating in Pennsylvania. The court's decision held the graduation of taxes on stores from $1 for a single unit to $500 per unit in chains of 500 or more stores, threatres or gasoline stations to be "unreasonable and capricious."

Drug Act Color Rules May Be Issued Soon

OPD Washington Bureau
February 21, 1939

Transcript of the public hearings on proposed regulations for listing coaltar colors for use in foods, drugs, and cosmetics was officially certified today by Frank S. Hassell, presiding officer. Under the ten-day limitation previously agreed upon written arguments and proposed findings of fact may be filed with the hearing clerk of the Department of Agriculture not later than March 3.

Officials of the Food and Drug Administration are confident that final regulations on this subject can be promulgated within a very short time under the provision by which the Secretary of Agriculture can declare an emergency and dispense with the usual waiting period after publication of regulations. As soon as the regulations are in effect the administration will be able to begin certification of colors, provided the special appropriation of $30,000 for this purpose is available. This appropriation is before the house committee and presumably will be in the bill for Department of Agriculture appropriations, which is now being drafted.

Speedy action in promulgating the color regulations, officials believe, will obviate any necessity for asking Congress to postpone the effective date of the certified color requirements of the new law, as has been suggested in certain industrial quarters.

Chain-Store Tax Increase Bill Passed by Ga. House

Atlanta, Ga., Feb. 21, 1939

A bill taxing chain stores on a sliding scale from $10 to $750 a store, depending on the number of units in the chain, was passed today by the house and sent to the State senate. The present chain store tax provides for a maximum levy of $200 on each store in a chain of forty or more figured on a State-wide basis.

..a white-lead to fit every paint manufacturing requirement

The Dutch Boy is nothing if not thorough. He doesn't stop with just *one* hat in the ring. Remember each hat stands for a high-quality white-lead. With five different "leads" to choose from, the paint manufacturer has a much better chance to get exactly what he wants. A better chance to get a white-lead with precisely the paint-making characteristics he's been looking for.

Here's the wide choice that the Dutch Boy offers: First, you have those two old standbys, Dutch and Carter. Next comes H.T.S. with its increased paint-thickening power, tinting strength and hiding power. Then there are the new 333 and 111 White-Leads. Both have higher paint-thickening power, tinting strength and hiding power than any other white-lead on the market. For example, No. 111 rates about twice as high in these qualities as Dutch.

Remember that no matter which one of the five you choose, you can be sure of uniformity. Remember, also, that the more white-lead you use the better the paint. Step up the white-lead in your formula—and you automatically step up the quality and durability of your paint.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak St., Buffalo; 900 West 18th St., Chicago; 659 Freeman Ave., Cincinnati; 1213 W. Third St., Cleveland; 722 Chestnut St., St. Louis; 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 316 Fourth Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Building, Philadelphia.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
95% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys.....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys.....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs. 10.25 -10.50
cbys.....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys.....100 lbs. 8.93 - 9.18
USP, al. dms. ....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .23 - .28
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks, contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -128.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14½- .15
Chinawood oil, dms.....lb. .19½- .20
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .16¼- .17¼
Acid, cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .21 - —
10,000-lb. lots, one shipt.. lb. .21½- —
smaller lots.....lb. .22 - —
kegs.....lb. .22½- —
anhyd., gran, dms., 10,000 lbs., 1 shipt..lb. .24 - —
smaller lots.....lb. .24½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .08¾- .07¼
tanks.....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....lb. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....lb. .71 - —
imported, pale, dms., l.c.l.gal. .60 - .64
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24.....lb. .11½- —
inland territory, cbys., c.l.lb. .1125- —
l.c.l., 25 and over.....lb. .1225- —
1-24.....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1345
l.c.l., 25 and over.....lb. .1220- .1390
1-24.....lb. .1270- .1335
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls.....lb. .80 - —
5lb. dms., 25 lbs.....lb. .81 - —
Gamma, bbls.....lb. .65 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.80 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0725
lead cbys.....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¼- .11¼
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12½
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .45 - .46
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1100- .1160
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .50 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 3.50 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
Acid, muriatic, C.P., USP, dealers, cbys..lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys. .....lb. .05 - —
6-lb. bots. .....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14½
Phenylacetic, bots. .....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .13 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst , cns.....lb. 1.45 - 1.60
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .32 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11¼
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13¼- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.15.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.- 100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .95 - —
powd., bbls., 1,000 lbs....lb. .75 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27½- —
smaller quantities .....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .26 - .27
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots. .....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .93 - 1.15
3, bls. .....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis, lb. .18 - —

Acacia—Alkanet

Albumen, blood, light, dom., flake, dms., f.o.b. Chicago, frt alld..lb. .52 - .60
import, bgs. .....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .71 - .73
dom., pwd., dms., bbls., lb. .76 - .84
import, cs.....lb. .71 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans .....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
Tankwagons, frt. alld...lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld...lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
com'l., dms. .....lb. .95 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .31,- —
l.c.l., works, dms.....gal. .33 - —
tanks, E., works.....gal. .23 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works...gal. .28 - —
19 bbls., E. works...gal. .30 - —
gal. .33 - —
1 to 18 bbls., E. works. gal. .33 - —
dms., c.l., E. works....gal. .27 - —
19 dms., E. works....gal. .29 - —
1 to 18 dms., E. works, gal. .32 - —
tanks, E. works.....gal. .21 - —
Anydrous, 2c. per gal.higher.
SD-2B., dms., c.l., works., E. gal. .26 - —
19 dms., works, E...gal. .28 - —
1 to 18 dms., works, E. gal. .31 - —
tanks, E., works.....gal. .20 - —
SD23-G, works, E., dms..gal. .31½- —
19 dms.....gal. .33½- —
1 to 18 dms.....gal. .36½- —
tanks .....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .28 - —
20 dms., E. works...gal. .30 - —
1 to 19 dms., E. works, gal. .33 - —
tanks, E. works.....gal. .22 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .16
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.54½- —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.50½- —
19 dms.....gal. 4.53½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.47½- —
absolute, dms., c.l.....gal. 4.86 - —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —
Grain alcohol 25c. per gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .38½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia., lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12

Aloe—Black, Iron Oxide

Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs. .....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.89
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cubo cut, bbls., lb. .30 - .32
peeled, bls.....lb. .24 - .25
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. areas (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls. .....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd. .....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. .....lb. .09 - —
32%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd. .....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l. dlvd. .....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls. .....lb. .03½- —
bgs., c.l. .....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order .....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton .....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works. 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard, dms., 1,500 lbs..lb. .43 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -35.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .33 - .36
Aldehyde, dms.....lb .66 - .70
Anhydrous, fertiliser, com'l, tanks (50,000 lbs.), works..lb. .04¼- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l. .....lb. .02 - —
l.c.l. .....lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit. lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .44
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works 100 lbs. 5.15 - —
l.c.l. dlvd. N. Y....100 lbs. 5.71 - —
Ammonia, bichromate, bbls...lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .03 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .35
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
ens. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua).
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Laurate, bbls .....lb. .24 - —
Linoleate, 50%, anhyd., bbls. lb. .13 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthanate, bbls. .....lb. .18 - —
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms. .....lb. .15 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade). 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .16 - —
Salicylate, U.S.P., kgs.....lb. .15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .08¼- —
Stearate, anhydrous .....lb. .23 - —
paste .....lb. .08 - —
Sulphate, dom., bulk, c.l., f.o.b. Feb.-June shipt.....ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-45%, basis 100%, dms., works..lb. .12 - .13
tanks, delvd. .....lb. .11 - —
33%, cbys., wks.....lb. .07½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 - .75
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .10½- .11½
l.c.l., dlvd.....lb. .11 - .12
tanks, dlvd.....lb. .09½- .10
ens., works.....lb. .15 - .17
ex pentane, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt., allid.....lb. .11½- —
tanks, frt., allid.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., re-turnable..lb. .75 - —
Caproate, ens.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
tanks, works.....lb. .077 - —
l.c.l., works.....lb. .06 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
ens., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .21 - .23
import, natural, bls.....lb. .20 - .22
twisted, bls. .....lb. .29 - .30
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs.....lb. .14½- .15
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .07½- .08
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.6%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .11¼- —
Needle, powd., ton lots, bulk, lb. .12 - —
bbls. .....lb. .13 - —
Oxide, bbls., c.l.....lb. .11 - —
l.c.l. .....lb. .11¾- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, ols.....lb. .29 - .30
Root, bls.....lb. .37 - .38
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08½
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), ens.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs. .....lb. .23 - .24
powd., bbls., bxs. .....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 35.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.60 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
ens. .....oz. 2.75 - 2.89

B

Balm of Gilead buds, bgs.....lb. .20 - .21
Barberry bark, bgs.....lb. .17½- .18
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 42.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs. .....lb. .27 - —
tech., domes., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
Zone 2, bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis. ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¾
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton. 42.00 - —
New York .....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines. ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .82½- .90
Bayberry bark, bgs.....lb. .18 - .20
Belladonna leaves, bls.....lb. .12½- .14
Root, bls.....lb. .12 - .15
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .11 - .12
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .17 - .20
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
ens. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
ens. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
ens., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.68
fib. dms.....lb. 1.53 - 1.58
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.98
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.42 - 1.66
fib. dms.....lb. 1.33 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
ens. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
ens. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. allid. E.....lb. .16½- —
1. bbls., bgs., c.l., frt. allid. E..lb. .12 - —
l.c.l., frt. allid. E.....lb. .12½- —
2. bbls., bgs., c.l., frt. allid., E..lb. .10½- —
l.c.l., frt. allid. E.....lb. .11 - —
3, bbls., bgs., .l., frt. allid. E. lb. .09½- —
l.c.l., frt. allid. E.....lb. .10 - —
4, bbls., c.l., frt. allid. E...lb. .06½- —
l.c.l., frt. allid. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. allid. E..lb. .07½- —
l.c.l., frt. allid. E.....lb. .08 - —
6, bbls., c.l., frt. allid. E..lb. .06½- —
l.c.l., frt. allid. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. allid E. lb. .09 - —
l.c.l., frt. allid. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. allid. E..lb. .10 - —
l.c.l., frt. allid. E.....lb. .10¼- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .03½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .12 - —
l.c.l, dlvd.....lb. .14¼- —
cs., l.c.l., dlvd.....lb. .16¾- —
4, bgs., c.l., works.....lb. .27½- —
4. cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7. cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .03¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03½- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Black, iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .06½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .03¾- —

Black, ivory, genuine, bbls....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works, lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .13 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y....lb. .06½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.56.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 65½%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.00 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.25 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.85 - 2.95
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. highed dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .20 - —
5, bbls., same basis.....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .29 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluedag root, bls.....lb. .13 - .14
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports....ton.26.00 - —
import, bgs., c.i.f., ports.ton.26.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.25.00 - —
import, 100-lb. bgs., c.i.f. ports, shipt..ton.23.00 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton. Nom.
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.22.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .17 - .18
Borax, tech., 99-99½% cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00

Borax, tech, 90½%, gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brasilwood extract (see Hypernic),
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .20 - —
single pkg., same basis.lb. .25 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 8.25 - 8.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works ...lb. 07½

Brown, Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09¼- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06½- —
11, bbls., same basis..lb. .06¼- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .03½- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10½- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07½- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04½- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04½- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04½- —

Black, Ivory—Butyl Crotonate

Brown, umber, Turkey, ex-whse., Kansas City, lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04½- —
Minneapolis .....lb. .04½- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05½- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .32 - .34
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .04 - .04¼
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, contract, frt. alld..lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —

Something New

COLORED CAPS

FOR GRASSELLI C. P. ACIDS

TO THE many advantages of GRASSELLI C.P. Acids we add ... colored plastic screw caps with matching labels.

Black for Sulfuric, red for Nitric, blue for Hydrochloric, brown for Glacial Acetic, and green for Ammonium Hydroxide. These colors quickly identify the contents of the five pint bottles.

GRASSELLI C.P. Acids possess high standards of quality and uniformity, meeting A.C.S. requirements. They are packed in light weight, easily handled shipping containers ready for prompt delivery from our nearest warehouse.

Specify GRASSELLI C.P. Acids on your next order.

E. I. DU PONT DE NEMOURS & COMPANY, INC.
GRASSELLI CHEMICALS DEPARTMENT
Wilmington, Delaware
DU PONT

Butyl Ether—Charcoal

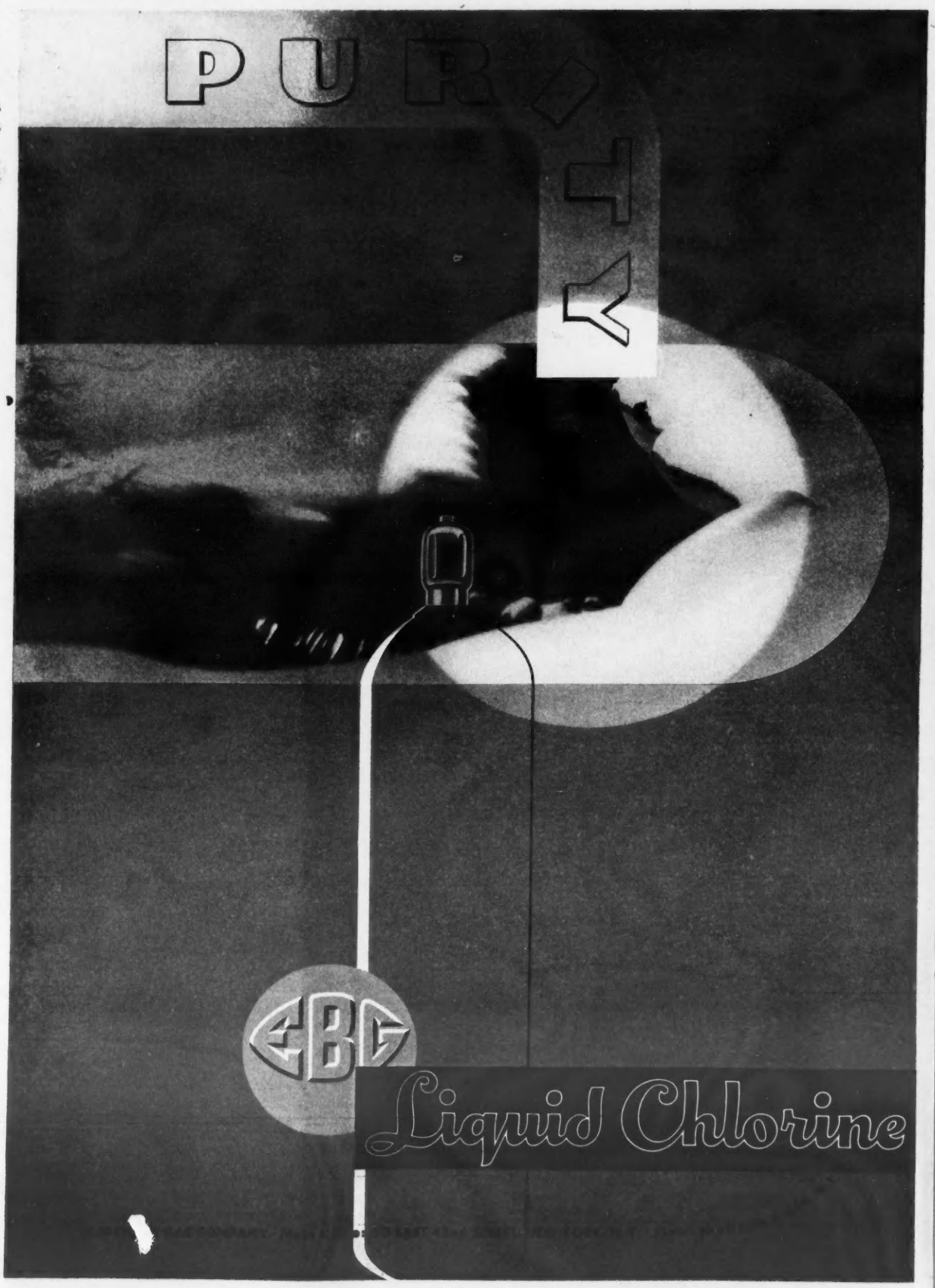
Butyl, ether (see under Ether).
Lactate, dms. lb. .22½- —
Propionate, dms., dlvd. lb. .16½- .17
tanks lb. .15½- —
Stearate, dms. lb. .26 - —
Butyric ether, bots. gal. 6.60 - 6.95
cns., works lb. .65 - .70
dms., frt. alld. Met. N. Y. lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more lb. 1.61 - —
single jars lb. 1.66 - —
5-lb. bots. lb. 1.80 - —
Iodide, 5-lb. bots. lb. 4.01 - —
25-lb. cns. lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs. lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more lb. 2.20 - —
2,000 lbs., or more lb. 2.25 - —
1,000 lbs., or more lb. 2.30 - —
100 lbs. lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more lb. 2.23 - —
2,000 lbs., or more lb. 2.28 - —
1,000 lbs., or more lb. 2.33 - —
100 lbs. lb. 2.43 - —
25 lbs. lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more lb. 2.25 - —
2,000 lbs., or more lb. 2.30 - —
1,000 lbs., or more lb. 2.35 - —
100 lbs. lb. 2.45 - —
less than 100 lbs lb. 2.75 - —
5-lb. cns., 25 lbs., or more lb. 2.70 - —
less than 25 lbs lb. 2.85 - —
Citrated, cns. lb. 1.80 - 2.10
Hydrobromine, bots. lb. 4.91 - 4.99
Calabar beans, bgs. lb. .21 - .22
Calamus root, peeled, N.F., cs. lb. .12 - .15
bleached, bls. lb. .24 - .25
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bge., c.l., dealers. E. of Rockies lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled lb. .70 - —
50 lbs., works lb. .72 - —
25 lbs., works lb. .75 - —
Carbide, dms. lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton. 22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd. ton. 20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs. lb. .50 - —
dms. lb. .55 - .57
cns. lb. .68 - .85
Glycerophosphate, flb., dms., 1,000-lb. lots lb. 1.00 - —
smaller lots lb. 1.15 - —
cns., 25 lbs lb. 1.40 - —
Hypophosphite, cns. lb. .62 - .67
Iodide, bots., jars lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs. lb. .23 - —
Levulinate, bots., less than 25 lbs., works lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton. 28.00 - —
Palmitate, bbls. lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt. unit-ton. .80 - —
tribasic, c.l., bbls., works lb. .0635- —
l.c.l., bbls lb. .0705- —
Resinate, precip., bbls., 1 ton lb. .13 - —
smaller lots lb. .14 - —
Stearate, precip., bbls., ctns., c.l. lb. .19 - —
l.c.l., 1 ton lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., wks. ton. 46.00 - —
80%, CaS, bgs., c.l., wks. ton. 51.00 - —
luminous, dom., tins, works, 100 lbs. lb. .85 - —
Sulphocarbolate, bbls., 200 lbs. lb. .48 - —
kgs., 100 lbs lb. .50 - —
Calendula flowers, bls. lb. .28 - .30
Calomel, bbls., flb., dms., kgs., 50 lbs., or more lb. 1.44 - —
Camphor, natural, powd., cs. lb. .50 - .51
slabs, cs. lb. .50 - .51
tablets, tins lb. .55 - .56
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots, lb. .46 - —
1,000-lb. lots lb. .47 - —
500-lb. lots lb. .48 - —
100-lb. lots lb. .49 - —
Monobromate, bxs., kgs. lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs. lb. .0390- .0420
Morocco, bgs. lb. .04½- .05
Turkish, bgs. lb. .0400- .0440
Canella alba bark, bls. lb. .29 - .30
Cantharides, Chinese, cs. lb. .65 - .70
powd., bxs lb. .80 - .85
Russian, cs. lb. .92 - .93
powd., bxs. lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs. lb. .07½- .08
Carbazole, 95%, dms., ton lots, works lb. .70 - —
smaller quantities, works lb. .80 - —
95%, dms., ton lots, works lb. .75 - —
smaller quantities, works lb. .85 - —
Carbinol, butyl, norm., dms., works lb. .60 - —
small lots, works lb. .75 - —
secondary, dms., works lb. .60 - —
small lots, works lb. .75 - —
Diethyl, dms., works lb. .60 - —
small lots, works lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works lb. .33 - —
l.c.l., works lb. .34 - —
tanks, works lb. .32 - —
Methylpropyl, dms., works lb. .60 - —
small lots, works lb. .75 - —
Dimethylethyl, dms., works lb. .60 - —
small lots, works lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R. lb. .05 - —
l.c.l., same basis lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis lb. .08 - .08½
tanks, same basis lb. .04½- —
Carbon, dioxide, cyls. lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l. gal. .66½- —
l.c.l. gal. .73 - —
5-10 gal., dms., c.l. gal. .90 - —
l.c.l. gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., gal. .73 - —
l.c.l. gal. .80 - —
5-10 gal. dms., c.l. gal. .97 - —
l.c.l. gal. 1.07 - —
Zone, 3, 52½ gal. dms., c.l., gal. .80 - —
l.c.l. gal. .86 - —
5-10 gal. dms., c.l. gal. 1.03 - —
l.c.l. gal. 1.13 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. gal. .90 - —
5-10 gal. dms., c.l. gal. 1.07 - —
l.c.l. gal. 1.17 - —
tanks lb. .04¾- —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs. lb. 1.00 - 1.50
decorticated, cs. lb. .85 - .87
green, bgs. lb. .55 - .57
Carvol, bots. lb. 4.00 - 4.25
Cascara sagrada bark, bulk lb. .10½- .11
Case-hardening mixture, 30%, lump, dms., l.c.l. lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd. lb. .08 - .08½
5 tons, works lb. .09½- —
smaller lots, works lb. .10½- —
80-100 mesh, bgs., c.l., dlvd., lb. .08½- .09
5 tons, works lb. .10 - —
smaller lots, works lb. .11 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid lb. .08¾- .09
80-100 mesh, bgs., c.l., duty paid lb. .09¼- .09½
French, 30 mesh, bgs., c.l., duty paid lb. .09¼ Nom.
Cassia, Batavia, 1, bgs. lb. .17¾- .18¼
shortstick, bls. lb. .13¾- .14
broken, bls. lb. .13½- .13⅝
China, rolls, select, bls. lb. .14 - .14½
broken, extra, bls. lb. .12¾- .13¼
Saigon, bls. lb. .17 - .18
Cassia, buds, cs. lb. .15¾- .16¼
Cassia fistula, brkts. lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs. 11.75 -13.50
powd., bbls. lb. .28 - .35
Castoreum, nat., cns. lb. 15.00 -18.00
synth., bots. lb. 19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bxs., c.l., works ton. 18.50 - —
import, bgs., c.l.f., ports, shipment ton. 20.00 - —
Catnep leaves, southern, bls. lb. .16 - .17
western, bls. lb. .19 - .20
Celery seed, French, bgs. lb. .15 - .15½
Indian, bgs. lb. .12½- .13
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld. lb. .36 - —
Acetobutyrate, 501 lbs. and over, works lb. .52 - —
101 lbs., works lb. .53 - —
smaller lots, works lb. .55 - —
Acetopropionate, 500 lbs. and over, works lb. .57 - —
100-499 lbs., works lb. .58 - —
1-99 lbs., works lb. .60 - —
Triacetate, frt. alld. lb. .42 - —
Cerium hydrate, dms., works lb. .60 - —
Oxalate, USP, bbls., works lb. .35 - —
kgs., works lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs. lb. .20 - .26
Roman, bls. lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. ton. 30.40 - —
Colo. ton. 27.00 - —
Conn., Me., Mass., N. H., R. I., Vt. ton. 30.80 - —
Ill. (except river point), Minn., Neb., Wis. ton. 23.00 - —
Indiana ton. 26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso) ton. 23.00 - —
Kansas, El Paso, Tex., ton. 24.00 - —
Michigan ton. 27.80 - —
Ohio, Penn. ton. 29.80 - —
Utah ton. 34.00 - —
Willow, powd., bbls. lb. .06 - .07



Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .88 - .93
500 lbs.....lb. .90 - .95
100 lbs.....lb. .93 - .97
25 lbs.....lb. .90 - .98
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, various cps., bgs., c.l...works...lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works....lb. .40 - —
Chlorine, liq., cyls., c.l., divd., N. Y..lb. .05¼- —
contracts, divd., N.Y...lb. .05¼- —
l.c.l., divd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald.100 lbs. 2.15 - —
1, works, frt. equald.100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.90
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .28 - —
USP, 650-lb. dms.....lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .28 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .35 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 6% cs., bbls.....lb. .06 - .08
Chrome, cake, bulk, c.l., works, ton.14.00 -15.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .52 - .58
20 in., thick, cs.....lb. .60 - .61
20 in., medium, cs.....lb. .58 - .59
USP, broken quill, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .24 - .25
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .15½- .16
3 bls.....lb. .15 - .15½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.50 - 1.65
Clove, Madagascar, bls.....lb. .16¾- .17½
Zanzibar, bls.....lb. .19 - .19¼
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., divd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., divd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .14 - .15
Cocoa butter, lump, bgs., c.l..lb. .11¼- .11½
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06½- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs.....oz.21.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .23 - .24
Colombo root, bls.....lb. .07½- .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S.A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., divd..lb. .21 - —
smaller containers, divd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .24 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11¼- —
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Copper oxide, black, bbls., tons, works..lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
bbls., l.c.l., 25 cr over, works..100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .01725- .0175
Coriander seed, Morocco, bgs..lb. .04¾- .05¼
bleached, bgs.....lb. .07¾- .08
yolk, bbls.....lb. .60 - .63
Corn sugar, chipped, bgs., c.l., dlvd, 100 lbs. 2.99 - —
slabs, bbls., c.l.....100 lbs. 2.91 - —
solid, bbls., c. l.....100 lbs. 3.03 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.02 - —
43°, bbls., c.l.....100 lbs. 3.07 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.26 - —
gran., powd., dms., 50 lbs. or more..lb. 1.11 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls....lb. .20 - .22
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13¼- .14¼
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .13 - .15½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., divd..lb. .22 - —
5 and 10 gal. dms., divd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .14 - .16
Cumin seed, Algerian, bgs.....lb. .08½- .08¾
Morocco, bgs.....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls...lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07 - .08
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.35
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
Potato, import, bgs.....lb. .07 - .07¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.l.f.....ton.30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l.....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l.....lb. .04 - —
tanks.....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .23 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilleseed, recleaned, bgs.....lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidine, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns....lb. .50 - .55
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .10 - .11
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb.13.50 —
f180 Sodium indigo disulpho-nate, cns..lb.13.50 —
Green:—
Fastgreen FCF, cns.....lb.27.50 —
666 Guinea green B., cns. lb.13.50 —
670 Light green SF, yellowish, cns..lb.17.50 —
Red:—
184 Amaranth, cns.....lb. 3.15 —
773 Erythrosin, cns.....lb.17.50 —
80 Ponceau 3R, cns.....lb. 6.00 —
Ponceau 5X, cns.....lb. 5.75 —
Orange:—
150 Orange I, cns.....lb. 2.90 —
Yellow:—
10 Naphthol yellow S, cns..lb. 3.50 —
Sunset yellow FCF, cns.lb. 3.15 —
640 Tartrazin, cns.....lb. 3.15 —
23 Yellow AB, cns.....lb. 2.65 —
61 Yellow OB, cns.....lb. 2.65 —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
26 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .55 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
328 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
345 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.50
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.80
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct asurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
530 Direct fast, black, FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin.....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50

Chestnut Extract—Ephedrine

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .30
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .90
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.50 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.35 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
..... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
..... Orange, red shade..lb. .75 - —
Red:—
78 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.80 - —
1060 Anthroquinone violet base..lb. 6.00 - —
660 Oil violet.....lb. .50 - —
Yellow:—
16 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin.....lb. .70 - —
Brown:—
231 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
97 Amidoazotoluene yellow..lb. .75 - —
635 Auramine .....lb. 2.00 - —
800 Chinolin yellow 65%...lb. 2.00 - —
Violet:—
690 Methyl violet .....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .90 - —
865 Nigrosin .....lb. .50 - —
673 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
900 New blue R.....lb. 1.90 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .95 - —
235 Resorcin dark brown R lb. .90 - —
231 Bismarck brown G..lb. .52 - —
232 Bismarck brown R..lb. .97 - —
796 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.25 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .87 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .90 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .65 - —
79 Ponceau R.....lb. .45 - —
88 Fast red B.....lb. 1.00 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .53 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .80 - —
Water-soluble:—
Red:—
223 Brilliant crocein M..lb. .65 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
765 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
696 Acid violet 4BN....lb. .80 - —
Yellow:—
10 Naphthol yellow S..lb. .80 - —
128 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.35 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .90 - —
655 Auramine .....lb. 1.37 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .17 - .18
Egg albumen (see Albumen).
yolk, bbls.....lb. .60 - .63
Elder flowers, bright, bls.....lb. .20 - .22
Elecampane root, bls.....lb. .09½- .10
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .24 - .25
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .09½- .10
Ephedrine, tins, 1,000 ozs....oz. 2.15 - —
tins, 100 ozs.....oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs., oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Sulphate, cryst., 1,000 ozs....oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —

Epsom Salt—Gum, Yacca

Epsom salt, tech., bgs....100 lbs.	1.80	-	—
bbls. ....100 lbs.	1.90	-	—
USP, cryst., dom., bgs., c.l., 100 lbs.	2.00	-	—
l.c.l., 5,000 lbs., 1 withdrawal..lb.	2.25	-	—
smaller lots .....lb.	2.50	-	—
bbls., c.l. .....lb.	2.10	-	—
l.c.l., 5,000 lbs., 1 withdrawal..lb.	2.35	-	—
smaller lots .....lb.	2.60	-	—
kgs., c.l. .....lb.	2.35	-	—
l.c.l., 5,000 lbs., 1 withdrawal..lb.	2.60	-	—
smaller lots .....lb.	2.85	-	—
dried, dom., bgs., l.c.l...lb.	.08	-	.10
Ergot, USP, cns., dms.....lb.	1.35	-	1.40
Eserine, bots. .....oz.	42.00	-	—
Salicylate, bots. .....oz.	33.00	-	34.00
Sulphate, bots. .....oz.	30.00	-	—
Ether, acetic (see Ethyl acetate)			
Butyl, dms., c.l., dlvd.....lb.	.24½	-	—
l.c.l., dlvd. .....lb.	.25	-	—
cns. .....lb.	.28	-	.31
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs., lb.	.08	-	—
Sulphuric, conc., dms., 120 lbs., lb.	.09	-	—
cns., 27 lbs. .....lb.	.14	-	—
synth., dms., c.l., works..lb.	.08	-	—
l.c.l., works.....lb.	.09	-	—
USP, anesthesia, dms., 27 lbs., lb.	.26	-	—
USP, 1890, dms.....lb.	.39	-	.40
washed, dms. .....lb.	.37	-	.38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb.	.061	-	—
l.c.l., frt. a...s. .....lb.	.066	-	—
tanks, frt. alld.....lb.	.051	-	—
95-98%, dms., c.l., frt. alld.lb.	.0685	-	—
l.c.l., frt. alld.....lb.	.0735	-	—
tanks, frt. alld.....lb.	.0585	-	—
Acetate, N. F., VI, 99%, dms., 400 lbs..lb.	.08	-	—
cns., 35 lbs.....lb.	.12	-	.13
USP, VIII, 90%, dms., 460 lbs., lb.	.07	-	—
cns., 35 lbs.....lb.	.12	-	—
Acetoacetate, dms., c.l., works, lb.	.27½	-	—
l.c.l., dms., works.....lb.	.28	-	—
Bromide, tech., dms.....lb.	.50	-	.55
Caproate, cns.....lb.	1.00	-	—
Chloride, dms. .....lb.	.18	-	.20
Cinnamate, cns.....lb.	3.20	-	4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb.	.33	-	—
5 and 10 gal. dms., dlvd...lb.	.36	-	—
Formate, cns., dms.....lb.	.23	-	.24
Iodide, bots.....lb.	5.01	-	—
Lactate, 55-gal. dms., works, lb.	.33½	-	—
5-gal. dms., works.....lb.	.37½	-	—
Oxalate, dms., frt. alld.....lb.	.25	-	—
Silicate, l.c.l., dms., works..lb.	.77	-	—
Vanillin, 25 lbs. lots., cns., lb.	5.25	-	—
5 lb. lots.....lb.	5.30	-	—
1 lb. lots, cns.....lb.	5.40	-	—
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb.	.48	-	—
contracts, frt. alld.....lb.	.47	-	—
100 lbs., frt. alld.....lb.	.50	-	—
smaller lots, works.....lb.	.55	-	—
Ethylene bromide, dms.....lb.	.65	-	.70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb.	.0545	-	.0550
West of Rockies, same basis..lb.	.0595	-	.06
l.c.l., works, E. of Rockies, frt. alld..lb.	.0644	-	.0650
West of Rockies, same basis..lb.	.0694	-	.07
Ethyleneglycol, dms., c.l.....lb.	.16	-	—
l.c.l. .....lb.	.17	-	.20
tanks .....lb.	.15	-	—
Monobutylether, dms., c.l., works..lb.	.18	-	—
l.c.l., works.....lb.	.19	-	.22
tanks, works.....lb.	.17	-	—
Monoethylether, dms., c.l., works..lb.	.15	-	—
l.c.l., works.....lb.	.16	-	—
tanks, works.....lb.	.14	-	—
Monoethylether, acetate, dms., c.l., works..lb.	.13	-	—
l.c.l., dms. .....lb.	.14	-	—
tanks, works.....lb.	.12	-	—
Monomethylether, dms., c.l., works..lb.	.17	-	—
l.c.l., works.....lb.	.18	-	—
tanks, works.....lb.	.16	-	—
Ethylidinanilin, dms.....lb.	.45	-	.47½
Eucalyptol, cns., dms.....lb.	.55	-	.57
Eucalyptus leaves, bls.....lb.	.07	-	.08
Eugenol, bgs., cns.....lb.	1.70	-	2.15
Euphorbia, bls.....lb.	.05	-	.06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.	14.00	-	17.50
glass, 20 mesh, bulk, works.ton.	9.75	-	13.25
pottery, bulk, Me., works...ton.	17.00	-	19.00
N.C. works.....ton.	17.00	-	19.00
Fennel seed, French type, bgs., lb.	.07¾	-	.08¼
Indian, bgs. .....lb.	.07½	-	.07¾
German, large, bgs.....lb.	.18	-	.19
small, bgs. .....lb.	.12	-	.13
Fenugreek seed, bgs.....lb.	.03¾	-	.04¼
Ferric Sulphate, anhyd., c.l., works..ton.	35.00	-	—
l.c.l. .....ton.	40.00	-	—
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb.	.10	-	—
smaller lots, works..lb.	.11	-	—
light, cs., 1,000 lbs. or over, works..lb.	.11	-	—
smaller lots, works..lb.	.12	-	—
water white, cs., 1,000 lbs., or over, works..lb.	.12	-	—
smaller lots, works...lb.	.13	-	—
Fir balsam, Canada ,cns....gal.	10.50	-	11.00
Oregon, bbls.....gal.	1.05	-	1.10
Fish berries, bgs.....lb.	.08	-	.09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton.	No prices.		
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.	52.00	-	55.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton.	2.50 &		.50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.	48.25	-	—
Flake, white, bbls., kgs.....lb.	.10¼	-	—
Fleaseed, French, black, bgs..lb.	.11¾	-	.12
Indian, blonde, bgs.....lb.	.07	-	.07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.	31.50		Nom.
Washed gravel, 85-8[illegible] f.o.b. [illegible] Ky. mines..ton.	19.00		Nom.
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.	20.00		Nom.
Imported, 85% net over 5% duty paid..ton.	23.50		Nom.
Formaldehyde, bbls., c.l., works, lb.	.05¾	-	—
l.c.l. works.....lb.	.06¼	-	—
dms., c.l., works.....lb.	.05¼	-	—
l.c.l., works.....lb.	.05¾	-	—
tanks, works.....lb.	.04½	-	—
Fringetree bark, bls.....lb.	.10	-	.14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.	10.00	-	—
Import, bgs., c.l., ex dock..ton.	23.00	-	—
l.c.l., ex whse.....ton.	30.00	-	—
Furfural, refd., c.l., works, lb.	.15	-	—
l.c.l., works.....lb.	.17½	-	.35
tech., dms., contracts, 150,000 lbs..lb.	.10	-	—
c.l., works.....lb.	.12½	-	—
l.c.l., works.....lb.	.15	-	.20
tanks, works.....lb.	.09	-	—
Fusel oil, refd., dms., incl., dlvd., lb.	.12½	-	.14
Fustic extract, cryst., bbls....lb.	.22	-	.26
liquid, bbls.....lb.	.09½	-	.13
solid, dms.....lb.	.17½	-	.19½

G

G salt, bbls.....lb.	.45	-	—
Galangal root, bls.....lb.	.09	-	.10
Gall extract, bbls.....lb.	.22	-	—
Gambier, common, cases.....lb.	.06¾	Nom.	
plantation, cases .....lb.	.08¼	-	.09
Cubes, Singapore, cases....lb.	.08¼	-	.09
Extract, bbls. .....lb.	.06½	-	.09¼
Gasoline at refinery:—			
Bayonne, US motor, below 65 octane, tanks..gal.	.06½	-	—
65 octane and above, tanks, gal.	.06	-	.06¼
California, 54-58, tanks...gal.	.06½	-	.08
Gulf Coast, U. S. Motor, bulk, gal.	.04¾	-	.04⅞
60-62, 390 e.p., bulk, export, gal.	.04¾	-	.04⅞
60-62, 400 e.p., bulk, export, gal.	.04¾	-	.04⅞
64-66, 375 e.p., bulk, export, gal.	.04⅞	-	—
Louisiana-Arkansas, US motor, 62 octane, tanks..gal.	.04	-	.04¼
63-66 octane, tanks....gal.	.04¼	-	.04½
67-69 octane, tanks....gal.	.04½	-	.04⅝
70-72 octane, tanks....gal.	.04⅝	-	.05⅛
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal.	.03¼	-	.03½
third grade, tanks..gal.	.04	-	—
63-66 octane, tanks....gal.	.03⅝	-	.04
67-69 octane, tanks....gal.	.04⅛	-	.04¼
70-72 octane, tanks....gal.	.04⅜	-	.04⅝
natural, 12-lb. v. p., tanks, gal.	.03¼	-	.03½
14-lb. v.p., tanks.....gal.	.03⅜	-	—
18-lb. v.p., tanks.....gal.	.02⅝	-	.02¾
22-lb. v.p., tanks.....gal.	.02⅜	-	—
26-70 lb., v.p., tanks..gal.	.03	-	—
Pennsylvania, US motor, below 60 octane tanks.. gal.	.04¼	-	.04¾
65 octane, tanks.....gal.	.06¼	-	—
52-56 450 e.p., naphtha, tanks..gal.	.04¾	-	.05
Gelatin, silver, cs.....lb.	.45	-	.50
Gelsemium root, bls.....lb.	.11	-	.12
Gentian root, bls.....lb.	.07½	-	.08
grd., bbls., bxs.....lb.	.09½	-	.10
powd., bbls., bxs.....lb.	.10½	-	.11
Geraniol, cns., dms.....lb.	.67	-	3.00
Geranyl acetate, bots., dms...lb.	1.20	-	2.50
Ginger root, African, bgs....lb.	.05½	-	.06
Cochin, lemon, bgs.....lb.	.06½	-	.06¾
Jamaica, bold, bgs.....lb.	.15	-	.15½
grinding, bright, bgs....lb.	.09	-	.09¾
medium, bgs.....lb.	.09½	-	.10
Japanese, bgs. .....lb.	.06½	-	.07
Ginseng fibers, cs. .....lb.	1.75	-	3.00
Root, cultivated, cs.....lb.	10.00	-	11.00
wild, Southern, cs.....lb.	6.00	-	7.00
Glauber's salt, anhyd. (See Soda Sulphate).			
cryst., dom., bgs., bbls., c.l., works..100 lbs.	.95	-	1.15
5 tons or over, works.. 100 lbs.	1.05	-	1.25
less than 5 tons, works.. 100 lbs.	1.15	-	1.35
import., bgs. .....100 lbs.	1.05	-	1.35
Glue, bone, calcimine type, 24 millipoise, 3¾ jelly-grams, bgs., c.l., dlvd..lb.	.11½	-	—
l.c.l., dlvd.....lb.	.12	-	—
86/58, bgs., c.l., dlvd....lb.	.11	-	—
l.c.l., dlvd.....lb.	.11½	-	—
58/82, bgs., c.l., dlvd....lb.	.12½	-	—
l.c.l., dlvd.....lb.	.13	-	—
82/108, bgs., c.l., dlvd...lb.	.13	-	—
l.c.l., dlvd.....lb.	.13½	-	—
hide, calcimine type, 68 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb.	.15	-	—
l.c.l., same basis....lb.	.15½	-	—
60/164, bgs., c.l., same basis, lb.	.16½	-	—
l.c.l., same basis.....lb.	.17	-	—
67/122, bgs., c.l., same basis, lb.	.17½	-	—
l.c.l., same basis.....lb.	.16	-	—
75/222, bgs., c.l., same basis, lb.	.18½	-	—
l.c.l., same basis.....lb.	.19½	-	—
88/251,bgs.,c.l.,same basis.lb.	.19½	-	—
l.c.l., same basis.....lb.	.20½	-	—
92/283,bgs.,c.l.,same basis.lb.	.20½	-	—
l.c.l., same basis.....lb.	.21½	-	—
102/315, bgs., c.l., same basis, lb.	.21	-	—
l.c.l., same basis.....lb.	.22	-	—
113/347, bgs., c.l., same basis..lb.	.22	-	—
l.c.l., same basis.....lb.	.23	-	—
125/379, bgs., c.l., same basis, lb.	.23	-	—
l.c.l., same basis.....lb.	.24	-	—
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.			
Glycerin, C.P., cns., l.c.l.....lb.	.14½	-	.15
dms., c.l., dlvd.....lb.	.12½	-	—
l.c.l., dlvd.....lb.	.13	-	—
tanks, dlvd.....lb.	.12½	-	—
dynamite, dms.....lb.	Nominal.		
high gravity, dms., c.l., dlvd.lb.	.12	-	—
l.c.l., dlvd.....lb.	.12½	-	—
tanks, dlvd.....lb.	.11¾	-	—
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb.	.09	-	—
l.c.l., same basis....lb.	.09½	-	.10
tanks .....lb.	.08¾	-	—
for refiners, dms., returnable, tanks, dlvd..lb.	.08½	-	.08¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb.	.07½	-	.07¾
Glycol borborate, dms.....lb.	.23	-	—
Phthalate, dms.....lb.	.29	-	—
Stearate, dms. .....lb.	.25	-	—
Gold, U.S. purchase price....oz.	35.00	-	—
Chloride, acid brown, bots..oz.	20.75	-	21.00
yellow, bots. .....oz.	18.75	-	19.00
Gold-soda chloride, photo., bots., oz.	13.00	-	—
U.S.P. IX, bots.....oz.	14.50	-	14.75
Gold of pleasure seed, bgs....lb.	.12	-	.12½
Goldenseal root, bls.....lb.	2.75	-	2.80
powd., bxs.....lb.	3.15	-	3.20
Grains of paradise, bgs.....lb.	.55	-	.60
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb.	.06	-	—
bbls., c.l., works.....lb.	.06¼	-	—
l.c.l., works .....lb.	.06½	-	—
powd., amorph., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.....lb.	.02½	-	—
65% graphitic carbon, bbls., c.l., works..lb.	.02¾	-	—
l.c.l., works.....lb.	.03¼	-	—
50% graphitic, carbon, bgs., c.l., works..lb.	.03½	-	—
bbls., c.l., works.....lb.	.03¾	-	—
l.c.l., works.....lb.	.04½	-	—
Grease, house, trcs.....lb.	.04½	-	.04⅝
White, trcs. .....lb.	.05½	-	.05⅝
Yellow, trcs. .....lb.	.04½	-	.04⅝
Wool (see Adeps lanae and Degras).			
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb.	.21	-	—
6-10%, bbls., same basis.lb.	.22	-	—
11-15%, bbls., same basis.lb.	.23	-	—
16-20%, bbls., same basis.lb.	.23½	-	—
21-25%, bbls., same basis.lb.	.24	-	—
26-30%, bbls., same basis.lb.	.24½	-	—
31-35%, bbls., same basis.lb.	.25½	-	—
36-40%, bbls., same basis.lb.	.27	-	—
41-45%, bbls., same basis.lb.	.28½	-	—
46-50%, bbls., same basis.lb.	.30	-	—
over 50%, bbls., same basis lb.	.31	-	—
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
reduced, C.P., color content up 5%, same basis..lb.	.06	-	—
6-10%, bbls., same basis.lb.	.06¾	-	—
11-13%, bbls., same basis.lb.	.07¼	-	—
14-16%, bbls., same basis.lb.	.07½	-	—
17-19%, bbls., same basis.lb.	.07¾	-	—
20-21%, bbls., same basis.lb.	.08	-	—
22-23%, bbls. same basis. lb.	.08¼	-	—
24-25%, bbls., same basis.lb.	.08½	-	—
26-27%, bbls., same basis.lb.	.08¾	-	—
28-29%, bbls., same basis.lb.	.09¼	-	—
30-31%, bbls., same basis.lb.	.10	-	—
32-33%, bbls., same basis.lb.	.11¼	-	—
34-35%, bbls., same basis.lb.	.12¼	-	—
36-40%, bbls., same basis.lb.	.14¼	-	—
41-45%, bbls., same basis.lb.	.16¼	-	—
46-50%, bbls., same basis.lb.	.16¾	-	—
51-55%, bbls., same basis.lb.	.17½	-	—
56-60%, bbls., same basis.lb.	.17¾	-	—
61-65%, bbls., same basis.lb.	.18¼	-	—
66-70%, bbls., same basis.lb.	.19¼	-	—
71-75%, bbls., same basis.lb.	.20¼	-	—
Chrome oxide, dom., pure, bbls. lb.	.22	-	—
ceramic, light shades, bbls., c.l., works..lb.	.28	-	—
l.c.l., works .....lb.	.30	-	—
standard grade, bbls., works..lb.	.21	-	.23
Chrome, tetrahydroxide, bbls.lb.	.85	-	—
Paris (see P).			
Tungstated, brilliant, kgs....lb.	3.50	-	—
emerald, kgs.....lb.	2.35	-	—
Verdigris (see V).			
Green dyes are listed under Dyes.			
Grindelia robusta, bls.....lb.	.08	-	.09
Guaiac resin, cs.....lb.	.27	-	.28
strained, cs. .....lb.	.75	-	.80
Wood, bls. .....lb.	.04	-	.05
Guaiacol, liq., djms.....lb.	1.65	-	1.91
Carbonate, fib. dms., 25 lbs..lb.	2.40	-	2.74
Guarana, powd., cs.....lb.	1.00	-	1.05
Gum, aloe (see A).			
Ammoniac, tears., cs.....lb.	.85	-	.90
Arabic, amber sorts, cleaned, bgs..lb.	.09	-	.09¼
white sorts, 1, bgs.....lb.	.23	-	.24
2, bgs.....lb.	.21	-	.22
white powd., bbls.....lb.	.12½	-	.14
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs.....lb.	1.40	-	1.60
Sumatra, cs.....lb.	.17	-	.18
Camphor (see C).			
Chicle, prime, 33% moisture, bgs., ton lots..lb.	.33	-	.39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb.	.34¾	-	—
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.			
1, cloudy, white, bgs., c.l., same basis..lb.	.26¾	-	—
3, selected pale straw bold, bgs., c.l., same basis..lb.	.17½	-	—
4, pale bold straw, bgs., c.l., same basis..lb.	.18¼	-	—
5, pale, straw bold, bgs., c.l., same basis..lb.	.14¼	-	—
6, pale amber bold, bgs., c.l., same basis..lb.	.14¾	-	—
7, pale, straw bold, bgs., c.l., same basis..lb.	.11¾	-	—
8, light amber bold, bgs., c.l., same basis..lb.	.11¼	-	—
9, medium light amber, bold, bgs., c.l., same basis..lb.	.09	-	—
10 rescraped hard amber bold, bgs., c.l., same basis, lb.	.09¼	-	—
11, hard dark amber bold, bgs., c.l., same basis..lb.	.07½	-	—
12, selected, bold sorts, bgs., c.l., same basis..lb.	.06½	-	—
13, dark sorts bold, bgs., c.l., same basis..lb.	.05¾	-	—
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb.	.17¼	-	—
15, ordinary ivory sorts, bgs., c.l., same basis..lb.	.06¾	-	—
16, inferior ivory sorts, bgs., c.l., same basis..lb.	.05½	-	—
17, pale, fingers, bgs., c.l., same basis..lb.	.14¼	-	—
18, pale straw nubs, bgs., c.l., same basis..lb.	.11¾	-	—
19, pale straw nubs, bgs., c.l., same basis..lb.	.11½	-	—
20, hard dark amber nubs, bgs., c.l., same basis..lb.	.06¼	-	—
21, ordinary selected nubs, c.l., same basis..lb.	.06¾	-	—
23, small mixed nubs, bgs., c.l., same basis..lb.	.06¼	-	—
23, dark mixed nubs, bgs., c.l., same basis..lb.	.06¼	-	—
24, No. 1, ivory nubs, bgs., c.l., same basis..lb.	.14¼	-	—
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb.	.06¼	-	—
26, pale, bold chips, bgs., c.l., same basis..lb.	.06	-	—
27, pale small chips, bgs., c.l., same basis..lb.	.05¾	-	—
28, pale dust, bgs., c.l., same basis..lb.	.04¾	-	—
Gum, copal, East India, Batu, bold scraped, bgs., c.l., same basis..lb.	.05	-	—
unscraped, bgs., c.l., same basis..lb.	.04	-	—
chips, bgs., c.l., same basis, lb.	.03¾	-	—
dust, bgs., c.l., same basis..lb.	.03¼	-	—
nubs and chips, bgs., c.l., same basis..lb.	.03¾	-	—
black, bold, scraped, bgs., c.l., same basis..lb.	.06¾	-	—
unscraped, bgs., c.l., same basis..lb.	.04½	-	—
nubs and chips, bgs., c.l., same basis..lb.	.04½	-	—
Hiros, Macassar, pale, bold, bgs., c.l., same basis.lb.	.11¾	-	—
chips, bgs., c.l., same basis..lb.	.05¾	-	—
dust., bgs., c.l., same basis..lb.	.03¼	-	—
nubs, bgs., c.l., same basis..lb.	.00½	-	—
Singapore, Rasak, bold, bgs., c.l., same basis..lb.	.14½	-	—
chips, bgs., c.l., same basis, lb.	.05¾	-	—
dust, bgs.,c.l.,same basis.lb.	.03¼	-	—
nubs, bgs., c.l., same basis, lb.	.10	-	—
Manila, Borao, amber and dark, bakts., c.l., same basis..lb.	.11½	-	—
light, bakts., c.l., same basis..lb.	.13¾	-	—
Loba A, bskts., c.l., same basis..lb.	.10½	-	—
B, bskts.,c.l.,same basis.lb.	.09¾	-	—
C, bakts., c.l., same basis. lb.	.09	-	—
CNE, bakts., c.l., same basis..lb.	.06	-	—
D, bskts., c.l., same basis, lb.	.08¾	-	—
DK, bskts., c.l., same basis, lb.	.05¾	-	—
DU, bskts., c.l., same basis, lb.	.03¾	-	—
dust, bskts.,c.l., same basis, lb.	.06¼	-	—
Sambas and white split chips, bskts, c.l., same basis..lb.	.14¾	-	—
Singapore, dust., bskts., c.l., same basis..lb.	.05	-	—
spirit-soluble, CBB, bskts., basis..lb.	.08¼	-	—
DBB, bskts., c.l., same basis..lb.	.07¾	-	—
MA, bskts., c.l., same basis, lb.	.05¾	-	—
MB, bskts., c.l., same basis, lb.	.05¾	-	—
WS, bskts., c.l., same basis, lb.	.07¼	-	—
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb.	.06¼	-	—
chips, pale, bskts., c.l., same basis..lb.	.08½	-	—
small, bskts., c.l., same basis..lb.	.07¼	-	—
extra pale sorts, bskts., c.l., same basis..lb.	.08¾	-	—
nubs, bskts., c.l., same basis..lb.	.10¾	-	—
pale, scraped, bskts., c.l., same basis..lb.	.11¾	-	—
seeds and dust, bskts., c.l., same basis..lb.	.05¾	-	—
Pontianak, bold, genuine, bgs., same basis..lb.	.15¼	-	—
mixed, bgs., c.l., same basis..lb.	.14	-	—
split, bgs., c.l., same basis, lb.	.13¼	-	—
chips, bgs., c.l., same basis. lb.	.07¼	-	—
nubs, bgs., c.l., same basis. lb.	.11	-	—
Dammar, Batavia, A, cs., c.l., same basis as copal..lb.	.20	-	—
A/D, cs., c.l., same basis.lb.	.14½	-	—
A/E, cs., c.l., same basis.lb.	.12¼	-	—
B, cs., c.l., same basis..lb.	.16½	-	—
C, cs., c.l., same basis....lb.	.14¾	-	—
D., cs., c.l., same basis...lb.	.13½	-	—
dust., cs., c.l., same basis.lb.	.05¾	-	—
E, cs., c.l., same basis...lb.	.07¾	-	—
F, cs., c.l., same basis...lb.	.07¼	-	—
Singapore 1, cs., c.l., same basis..lb.	.14¾	-	—
2, cs., c.l., same basis....lb.	.10¾	-	—
3, cs., c.l., same basis....lb.	.05¼	-	—
chips, cs., c.l., same basis.lb.	.09¼	-	—
dust., cs., c.l., same basis, lb.	.05¼	-	—
seeds, cs., c.l., same basis, lb.	.07¾	-	—
Elemi, cns., c.l., same basis as copal..lb.	.06¼	-	—
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb.	.06¼	-	.06½
less than 10,000 lbs., same basis..lb.	.06½	-	.07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l. .....lb.	.06¾	-	.07
l.c.l., same basis.....lb.	.07	-	.07½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l..lb.	.07	-	.07½
l.c.l., same basis.....lb.	.07¼	-	.07¾
Euphorbium, cs. .....lb.	.22	-	.25
Galbanum, cs. .....lb.	1.00	-	1.50
Gamboge, pipe, cs.....lb.	.55	-	.60
powd., bbls.....lb.	.60	-	.65
Ghatti, soluble, bgs.....lb.	.11	-	.15
superior, bgs. .....lb.	.09	-	.11
Gualac (see Guaiac resin).			
Karaya, bbls., bxs., dms....lb.	.14½	-	.28
Kauri, brown, XXX, cs., c.l., lb.	.60	-	—
BX, cs., c.l., same basis..lb.	.38	-	—
B1, cs., c.l., same basis..lb.	.28	-	—
B2, cs., c.l., same basis..lb.	.24	-	—
B3, cs., c.l., same basis..lb.	.18½	-	—
80% chips, cs., c.l., same basis..lb.	.12¼	-	—
pale, XXX, cs., same basis. lb.	.61	-	—
1, cs., c.l., same basis..lb.	.41	-	—
2, cs., c.l., same basis..lb.	.24	-	—
3, cs., c.l., same basis..lb.	.17¾	-	—
Kino, tins.....lb.	2.50	Nom.	
Mastic, cs., c.l., same basis as copal..lb.	.55	-	.56
Myrrh, USP, cs.....lb.	.42	-	.50
Olibanum, siftings, bls.....lb.	.07½	-	.18
tears, cs. .....lb.	.18	-	.24
Opium (see O)			
Rosin (see R)			
Sandarac, cks., c.l., same basis as copal..lb.	.15	-	.19
Scammony, cs. .....lb.	1.10	-	1.15
Senegal, picked, bgs.....lb.	.25	-	.27
sorts, bgs. .....lb.	.09¼	-	.09½
Talha, bgs. .....lb.	.07½	-	.08
Thus, bbls. .....280 lbs.	14.50	-	14.75
Tragacanth, Aleppo 1, cs....lb.	2.25	-	2.35
2, cs. .....lb.	1.90	-	1.95
3, cs. .....lb.	1.60	-	1.65
flake, bgs. .....lb.	.50	-	1.00
Yacca, bgs., c.l., same basis as copal..lb.	.03½	-	—
powd., bgs., c.l., same basis.lb.	.04½	-	—

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .11½- .12
Helonias root bls.....lb. .58 - .55
Hematine crystals, bbls.....lb. .18 - 20
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02½- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .14½- .15
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C...lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .33 - —
100 to 400 lbs., shipments, same basis..lb. .39 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.75 - —
Hops, N. F., bls.....lb. .20 - .22
Horehound, bls.....lb. .08½- .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls.....lb. .13 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrathrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.35 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .09 - .10
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .17 - .21
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms.....100 lbs. 4.65 - 4.25
150-lb. dms .....100 lbs. 5.00 - 4.60
cryst., bbls., works, frt. alld. or equid..lb. .08 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. allid. or equid..lb. .03 - .04
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .06½- —
USP solut., cbys., works, frt. allid. or equid..lb. .06½- .07
djns.....lb. .07¼- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Iron, hypophosphite, cns.....lb. 1.55 - 1.60
iodide, bots.....lb. 2.90 - —
syrup, djns.....lb. .37 - .38
bots.....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .33 - .35
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 99%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04¾- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .061 - —
l.c.l., same terms.....lb. .066 - —
tanks, same terms.....lb. .051 - —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..gal. .40 - —
l.c.l.....gal. .55 - —
tanks.....gal. .26 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04½- .05

K

Kamala, tins.....lb. .21 - .22
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½- .13
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03⅞- .04⅛
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w, bulk..gal. .04 - .04⅛
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞- .04⅛
42-44 w.w., tanks.....gal. .04⅛- .04¼
Pennsylvania, 45 w.w., tanks. gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta.....gal. .12 - —
Boston.....gal. .08 - —
Chicago.....gal. .10 - —
Cincinnati.....gal. .13 - —
Denver.....gal. .11½- —
Louisville.....gal. .10 - —
Minneapolis.....gal. .104 - —
New Orleans.....gal. .11 - —
New York.....gal. .08¾- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .40 - .41
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.25 - 7.50
Middlewestern, trcs....100 lbs. 7.40 - 7.50
Neutral, trcs.....100 lbs. 8.00 - 8.25
Western, choice, trcs..100 lbs. 7.40 - 7.50
Compound, trcs.....lb. 9.00 - 9.25
Larkspur seed, bgs.....lb. .27 - .28
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .03½- .04
Lavender flowers, ordinary, bls.lb. .25 - .27
select, bls.....lb. .34 - .35
extra select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¾- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .06¾- —
l.c.l., dlvd., E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .12
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .076 - —
other points.....lb. .075- —
Lead, red, dry, 95% or less Pb_3O_4, c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, etc.....lb. .08½- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08¼- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc.....lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 10%, bbls...lb. .09¼- —
pale, bbls.....lb. .11¼- —
precip., bbls.....lb. .16¼- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. allid..lb. .10 - —
l.c.l., 5 tons, one delvy., works, frt. allid..lb. .10¼- —
smaller lots, works, frt. allid..lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .12½- —
dealers.....lb. .10¼- —
painters.....lb. .11¼- —
lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- .50 - .67½
l.c.l., same basis.....lb. .50 - —
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .95
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .15 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va...ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b. Bellefonte, Pa...ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —

Gypsum—Magnesia Carb.

Lime, chemical, hydrated, f.o.b., Sherwood, Wis.....ton. 9.00 - —
Silurla, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa...ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer. gal. .10 - —
Zone 2, tanks, dealers, whs., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, whs., gal. .08 - —
dms., wks, except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms.....gal. .12 - —
Zone 6, tanks, dealers.....gal. .08½- —
30-50 dms.....gal. .11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn. east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.85 - 2.25
Linden flowers, with leaves, bls.lb. .27 - .28
without leaves, bls.....lb. .17 - .18
Linseed, cake, bgs., export...ton.28.00 -28.50
Meal, 34%, dm., bgs.....ton.40.00 -40.50
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0660- —
dlvd., other points....lb. .0635- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.98 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or sz whse. Pac. Cst.....lb. .05½- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis.. lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04¼- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .21 - .22
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs.....lb. .84 - .85
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs.....lb. .15 - .19
Lovage root, dom., bls.....lb. .35 - .36
import, bls.....lb. .38 - .40
Lupulin, N. F., tins.....lb. 1.50 - 1.85
Lycopodium, cs.....lb. .93 - .95

M

Mace, Banda, cs.....lb. .48 - .49
Batavia, cs.....lb. .31 - .32
Siauw, cs.....lb. .45½- .46
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l.....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l.....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l.....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l.....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l.....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Magnesia, Chloride—Oil, Fuel

Magnesia, chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots.....lb. .55 - —
cns.....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton49.25 - —
l.c.l., 5 tons, works..ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.85 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .03 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.80 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 6.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.30.00 -32.00 Nom.
Resinate, fused, 3½%, bbls..lb. .09½- .09½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, MnSo4, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bxs., shipt...ton.23.25 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots.....lb. .62 - —
Marble flour, bxs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17¼- .17½
Tunisan, bls.....lb. .16¼- .16½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs....lb. 3.00 - 3.10
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .77 - —
25 lbs.....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs.....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
flb., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N.F., bots, 5 lbs..lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
flb., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
flb., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.41 - —
USP, flb. dms., 50 lbs. or more..lb. 1.93 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
flb., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5 1/16 in.....pkg.22.50 -23.00
3⅜x5 1/16 in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.40 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
pure, synth, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
Methanol, pure, synth., tanks, Zone 1, frt. alld.....gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .06¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .07¾- —
W. of Miss. R.....lb. .06¾- —
tanks, dlvd., E. of Miss. R. lb. .06¼- —
W. of Miss. R.....lb. .07¼- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .06 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies.....gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho. Ore., Utah, Wash., N. Mex.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .38
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
Mica, dry grd., white, No. 1 quality, bgs., extra and returnable, c.l., works, ton.35.00 - —
Mica, dry, grd., white, No. 1 quality, bgs., extra and returnable, l.c.l., 5,000 lbs., works.ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
l.c.l., ex-whse., or frt. all., E..lb. .04⅝- —
rubber, bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06¼- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15¼- —
l.c.l. .....lb. .16¼- —
spray, bbls., c.l.....lb. .16¼- —
l.c.l. .....lb. .17¼- —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bgs.....lb. .05¼- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks..gal. .06¼- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .78 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, pods, caddies, 20 ozs...oz.21.00 -22.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more. lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, bls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .03¾- .04¼
California, brown, bgs.....lb. .06¼- .06⅝
Chinese, yellow, bgs.....lb. .05¾- .08½
Danish, yellow, bgs.....lb. .08¼- .08½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Roumanian, yellow, bgs....lb. .05¾- .06
Myrobalans, J1. bgs., shipt..ton.24.00 - —
J2, bgs., shipt.....ton.17.00 - —
R2, bgs., shipt.....ton.17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

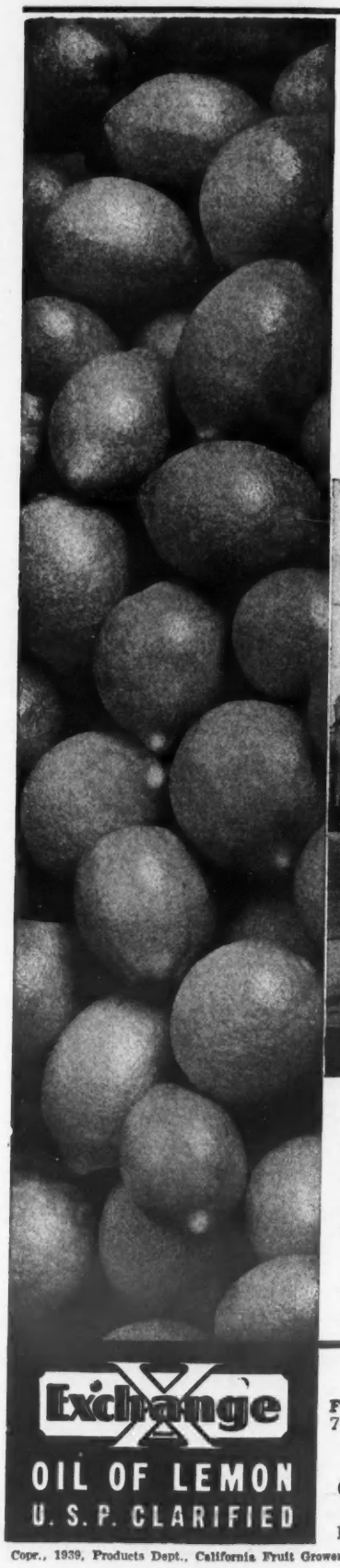
Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - 2.85
Import, bgs., Atl. port.100 lbs. 1.50 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06¼- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½ and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrolliville, Wis., dlvd.....unit-ton. 2.00 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.45 Nom.
Import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.45 - —
Nitronaphthalene, bbls.....lb. .24 - .35
Nutgalls, Alleppo, bgs., cs....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .16¼- .16¾
West Indian, bgs.....lb. .09¼- .09½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾ —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
a.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .60 - .62
Amber, crude, cns.....lb. .20 - .21
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 -52.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .67 - .70
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06½ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 2.25 - 2.30
53-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 1.30 - 1.35
natural, coppers.....lb. 1.25 - 1.30
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. 3.65 - 3.85
rectified, cns.....lb. .16 - .17
Bois de rose, Brazil, cns.....lb. .60 - .65
Cayenne, cns.....lb. 1.55 - 1.60
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.50 - 1.75
USP IX, cns.....lb. .42 - .45
Calamus, cns.....lb. .48 - .50
Camphor, sassafrassy, cns....lb. 5.50 6.00
dms. .....lb. .30 Nom.
white, cns.....lb. .27 Nom.
dms. .....lb. .30 Nom.
Cananga, native, cns.....lb. .27 Nom.
rectified, cns.....lb. 1.25 - 1.30
Capsicum (oleoresin), N. F. VI, cns..lb. 1.80 - 1.85
Caraway, USP, cns.....lb. 1.85 - 2.05
Cardamom, bots.....lb. 1.80 - 1.85
Cassia, USP, cns., dms.....lb.15.00 -27.00
l.c.l. .....lb. .95 - 1.00
Castor, medicinal, bbls., c.l., lb. .12 - —
l.c.l. .....lb. .09¾- —
cns. (1-gal.), l.c.l.....lb. .10¼- —
dms. (returnable), c.l. ....lb. .13½- —
l.c.l. .....lb. .09½- —
(5-gal.), l.c.l.....lb. .10¼- —
tanks .....lb. .11½- —
No. 3, bbls., c.l.....lb. .09 - —
l.c.l. .....lb. .09¼- —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .09¼- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .06¼- .06¾
l.c.l. .....lb. .07¼- .08¾
75% (63% fat), dms., c.l..lb. .08¾- .09¾
l.c.l. .....lb. .09¾- .10¾
80% (68% fat), dms., c.l..lb. .09¾- .10¾
l.c.l. .....lb. .10¾- .10¾
Cedarleaf, cs. .....lb. .33 - .40
dms. .....lb. .56 - .58
Cedarwood, Oregon, cns., dms. lb. .23 - .30
Southern, cns., dms.....lb. .18½- .23
Celery, bots.....lb. 7.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .15½ Nom.
tanks .....lb. .14¾- .15
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03½- —
Pac. Cst. .....lb. .02¾- —
edible, 76° tax incl., dms., (returnable), c.l..lb. .08¼- —
l.c.l. .....lb. .08¾- —
tanks .....lb. .07½- —
Cod, Newfoundland, shipt., untanked..gal. .30 Nom.
Norwegian, shipt., bbls...gal. .26 - .28½
Codliver, med., U.S.P., Norwegian, bbls..bbl.25.00 -26.00
Coriander, bots.....lb.13.50 -20.00
Corn, crude, tanks, works...lb. .06 - .06½
refd., bbls. .....lb. .08¾- .09
Cottonseed, d e o d o r i z e d, cooking bbls..lb. .08½- —
salad, bbls. .....lb. .08¾- —
import, Brazilian, semi-ref'd bulk..lb. .0350 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —

Oil, fuel, North Texas, 18-22	bbl.	.80 - .85
24-28, zero cold test	bbl.	1.10 - 1.15
Oklahoma, 18-22	bbl.	.85 - .90
24-28, zero cold test	bbl.	1.07½- 1.12½
24-28, 15 and above	bbl.	.90 - .95
Pennsylvania, 36-40	gal.	.04 - .04½
Furnace, Bayonne, 1, bulk, refinery	gal.	.05⅝- —
2, bulk, same basis	gal.	.04 - —
4, bulk, same basis	gal.	.04 - —
Louisiana - Arkansas, 32 - 34, light straw	gal.	.06¼- .06¼
Oklahoma, 28-30	gal.	.03 - —
32-36	gal.	.03⅝- .03⅛
36-38	gal.	.03⅝- .03⅝
38-40, straw	gal.	.03⅝- .03⅞
38-40 zero, 60 e.p.	gal.	.03⅝- .04
Fusel (see F).		
Gas, Bayonne, bulk	gal.	.04 - —
Gulf Coast, bulk	gal.	.03¼- —
North Texas, bulk	gal.	.02⅝- .03
Oklahoma, bulk	gal.	.02⅝- .03
Gaultheria (see Oil, wintergreen leaf).		
Geranium, Algerian, rose, cns.	lb.	2.70 - 3.50
Bourbon, cns	lb.	2.85 - 2.85
Turkish (see Palmarosa).		
Grapefruit, cns	lb.	1.90 - 2.00
Grapeseed, dms	lb.	.40 - .60
Ginger, dist., bots	lb.	4.90 - 5.00
Guaiac wood, concrete, bots.	lb.	2.65 - 3.30
Haarlem, import., bots	gross	3.15 - 3.25
Halibut-liver, dms. 1,000 A unit	gal.	.75 - 1.00
Hemlock, cns	lb.	.60 - .65
Juniper berry, USP, cns	lb.	1.10 - 1.30
Wood, tech., cns	lb.	.45 - —
Juniper tar, USP XI, 1,000 lb. dms.	lb.	.39 - .40
cns.	lb.	.41 - .44
Lard, common, 1, bbls	lb.	.08¾- —
2, bbls.	lb.	.08½- —
extra, bbls	lb.	.09¼- —
1, bbls.	lb.	.09 - —
Winter, strained, extra, bbls.,	lb.	.09¼- —
prime burning, bbls	lb.	.09¾- —
prime, ined., bbls	lb.	.09½- —
Laurel, bots	lb.	6.25 - 6.50
Lavandin, cns., 25 lbs	lb.	1.95 - 2.05
Lavender flower, French, 50% ester, cns.	lb.	4.60 - 4.75
38-42% ester, cns	lb.	3.25 - 4.25
35-38% ester, cns	lb.	2.75 - 3.00
30-32% ester, cns	lb.	2.00 - 2.25
garden, cns	lb.	.42 - .45
spike, Spanish, tech., cns.	lb.	1.05 - 1.10
dms.	lb.	.95 - 1.10
Lemon, Calif., cns	lb.	2.50 - —
Messina, coppers, cns	lb.	3.10 - 4.00
Lemongrass, native, cns., dms.,	lb.	.31½- .32
Lime, dist., Mexican, cns	lb.	2.50 - 2.60
West Indian, cns	lb.	3.10 - 3.15
expressed, cns	lb.	6.50 - 6.75
Linaloe wood, cns	lb.	1.25 - 1.30
Linseed, boiled, bbls., c.l.	lb.	.0900- .0920
l.c.l., 5 or more	lb.	.0940- .0960
less than 5	lb.	.0980- .1000
tanks	lb.	.0840- .0860
double boiled, bbls., less than	lb.	.1000- .1020
raw, bbls., c.l.	lb.	.0860- .0880
l.c.l., 5 or more	lb.	.0900- .0920
less than 5	lb.	.0940- .0960
tanks	lb.	.0840- .0820
Lovage, bots	lb.	41.25 -60.00
Lubricating, at refinery (including U. S. tax 4c. per gal.):—		
California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color, 4½ 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E. color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D. color 4¼, 15-25 pour, tanks.	gal.	.23 - —
200-210 E. 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks	gal.	.13½- —
200 vis., 3 color, tanks,	gal.	.14½- —
4 color, tanks	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks	gal.	.15 - —
280 vis., 3 color, tanks.	gal.	.16½- —
4 color, tanks	gal.	.16 - —
300 vis., 3½ color, tanks,	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.		
Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.15 - —
cylinder, 600 fire, tanks,	gal.	.08 - —
600 flash, tanks	gal.	.09½- —
630 flash, tanks	gal.	.13 - —
635 fire, tanks	gal.	.08½- —
650 fire, tanks	gal.	.09 - —
Warren, E, amber, tanks,	gal.	.11 - —
neutral, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks.	gal.	.14 - —
200 vis., 2 color, tanks.	gal.	.15 - —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.20½- —
unfiltered, 600 s.r. bbls., f.a.s.	gal.	.15½- —
600 flash, s.r., bbls., c.l.,	gal.	.17 - —
630 flash, bbls., c.l., f.a.s.,	gal.	.20½- —
unfiltered, Warren, E, bbls., c.l., f.a.s.	gal.	.20 - —
smaller lots, f.o.b.	gal.	.21 - —
Mace, dist., cns., dms	lb.	1.15 - 1.20
Mandarin, superior, coppers.	lb.	5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.30½ Nom.
refd., alkali, dms.	lb.	.0720- —
tanks	lb.	.0660- —
blown, dms	lb.	.0720- —
kettle-boiled, dms	lb.	.0820- —
light, pressed, dms	lb.	.0660- —
tanks	lb.	.0600- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns.	lb.	1.65 - 1.70
dist., natural, bots	lb.	8.50 - 9.00
expressed, bbls	gal.	.65½- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15¼- —
extra, bbls	lb.	.09 - —
1, bbls	lb.	.08¾- —
pure, bbls	lb.	.11¾- —
prime, bbls	lb.	.09¼- —
sulphonated, common, 25% moisture, dms.	lb.	.10¼- —
Neroli, bots	lb.	85.00 - 140.00
Nutmeg, USP, cns., dms	lb.	1.15 - 1.20
Officica, dms	lb.	.09¼- .10¼
Oil, oleo, 1, bbls.	lb.	.07¾- —
2, bbls	lb.	.07 - —
Olibanum, bots	lb.	5.00 - 5.25
Olive, denat., bbls	lb.	.88 - .90
edible, bbls	gal.	1.75 - 2.00
foots, bbls	lb.	.07 - .07½
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11½- .12
l.c.l.	lb.	.12½- .13
75% (63% fat), dms., c.l.	lb.	.13½- .14
l.c.l.	lb.	.14½- .15
90% (68% fat), dms., c.l.	lb.	.14½- .15
l.c.l.	lb.	.15½- .16
Orange sweet, dist., cs.	lb.	.50 - —
Orange, expressed, African, cns., dms.	lb.	.80 - .85
Calif., cns	lb.	.75 - —
Messina, USP, coppers.	lb.	2.25 - 3.25
West India, cns	lb.	1.75 - 1.85
Origanum, cns	lb.	.90 - 1.00
Orris, Florentine, concrete, extra strong bots.	oz.	4.75 - 5.50
Palm, Niger, csks	lb.	.03¾- .03¾
shipment	lb.	.03 - —
softs, 12½%, bulk, shipt.	lb.	0290- —
20%, bulk, shipt	lb.	.0280- —
Sumatra, shipt., bulk	lb.	.02⅝ Nom.
Palmarosa, cns	lb.	2.00 - 2.25
Palmkernel, bulk, shipt.	lb.	.0340 Nom.
Paraffin, 220° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
320° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
380° flash, 100-110 vis., tanks, G. 3.	gal.	.05⅝- —
Patchouli, bots., cns	lb.	3.75 - 4.10
Peanut, crude, dom., tanks,	lb.	.06 Nom.
refd., edible, bbls	lb.	.09 - .09¼
Pennyroyal, dom., cns	lb.	2.10 - 2.15
Import, cns	lb.	1.90 - 2.00
Oil, Peppermint, natural, cns., dms.	lb.	2.30 - 2.35
redist., USP, cns., dms	lb.	2.55 - 2.80
Perilla, dms	lb.	.09½- .09¾
tanks	lb.	.0890- .0900
Petitgrain, Paraguay, cns	lb.	.80 - .85
Pimento berry, cns	lb.	3.35 - 3.65
leaf, cns	lb.	2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports	gal.	.50 - .52
steam-dist., dms	gal.	.59 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns	lb.	.95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22¾- —
contracts	gal.	.19¼- —
Whiting, Ind	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.15 - —
Martinez, Cal.	gal.	.23 - —
Rapeseed, blown, bbls	lb.	.14 - .14½
denat., bbls	lb.	.80 - .82
Red, dist. or saponif., bbls., dlvd.	lb.	.07¾- .08½
dms., dlvd.	lb.	.07¼- .08¼
tanks, dlvd.	lb.	.06½- .07½
white, dms.	lb.	.10¾- .11¼
Rose, artif., bots	oz.	2.00 - 8.00
natural, coppers	oz.	5.25 -23.50
Rosemary, Spanish, cns	lb.	.56 - .75
dms.	lb.	.51 - .70
Rosin, 1st rectfd., dms	gal.	.45 - —
2d rectfd., dms	gal.	.47 - —
3d rectfd., dms	gal.	.51 - —
Rue, bots	lb.	3.95 - 4.00
Sage, cns	lb.	1.50 - 1.55
Sandalwood, E.I., USP, cns.	lb.	4.75 - 4.80
Sardine, crude, tanks, Pac. Cst.,	gal.	.30 Nom.
refd., alkali, dms	lb.	.0720- —
tanks	lb.	.0660- —
kettle-boiled, dms	lb.	.0820- —
light, pressed, dms	lb.	.0660- —
tanks	lb.	.0600- —
Oil, sassafras, artif., cns	lb.	.36 - .37
dms.	lb.	.34 - .35
natural, cns., dms	lb.	.90 - 1.00
Savin, cns	lb.	1.60 - 1.65
Savory, cns	lb.	2.00 - 2.25
Sesame, refd., import, dms.	lb.	.09 - .09¼
Shingle stain, bbls., c.l., wks.,	gal.	.19 - —
l.c.l., works	gal.	.21 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns	lb.	9.50 -10.00
Soybean, dom., crude, dms.	lb.	.0610- .0650
tanks	lb.	.0550- —
refd., dms	lb.	.0730- .0770
tanks	lb.	.0670- —
Spearmint, USP, cns	lb.	1.70 - 1.75
Sperm, bleach, 38°, dms.	lb.	.0900- .0920
45°, dms	lb.	.0830- .0850
natural, dms	lb.	.0780- .0800
Spruce, cns., dms	lb.	.60 - .65
Sweet, birch, North, cns.	lb.	2.25 - 2.65
South, cns	lb.	1.55 - 1.60
Tall, crude, dms., c.l., works,	ton.	45.00 - —
l.c.l., works	ton.	50.00 -65.00
tanks, works	ton.	35.00 - —
refined, dms., c.l., works	lb.	.05½- —
l.c.l., works	lb.	.06 - —
tanks, works	lb.	.05 - —
Tallow, acidless, bbls	lb.	.08½- —
tanks	lb.	.08 - —
Tansy, cns	lb.	7.00 Nom.
Tar, coml. dms., c.l., dlvd., E. cities.	gal.	.25 - .26
E. ports	gal.	.25 - —
l.c.l.	gal.	.26 - —
tanks, dlvd. E. cities	gal.	.20 - —
rectfd., USP, bbls, dlvd., E. ports.	gal.	.55 - —

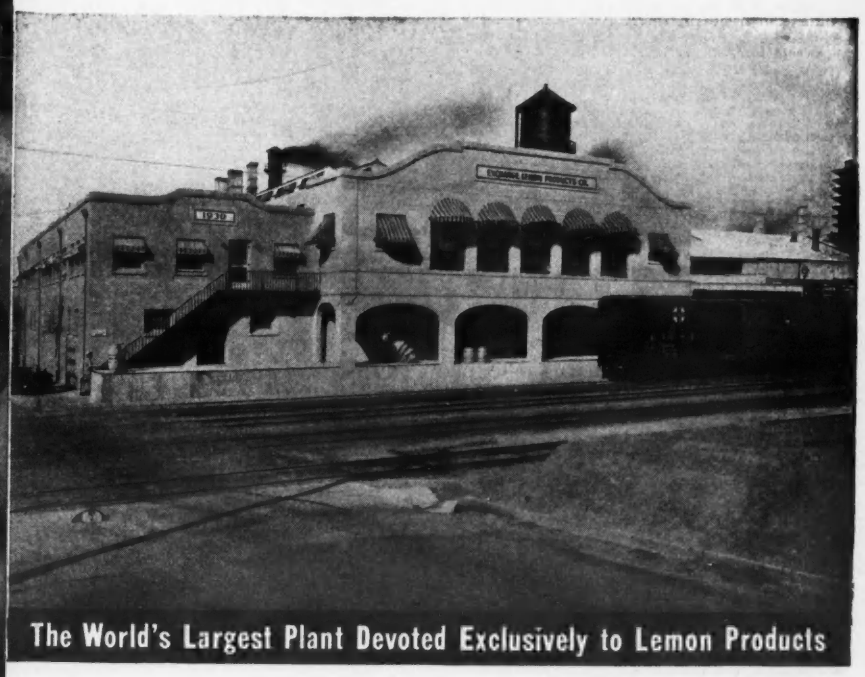
Tar acid (see T).



By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

continues to be Exchange Brand



The World's Largest Plant Devoted Exclusively to Lemon Products

FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Sold to the American market exclusively by

FRITZSCHE BROTHERS, INC. 76 NINTH AVENUE, NEW YORK CITY • **DODGE & OLCOTT COMPANY** 180 VARICK STREET, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE

Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1939, Products Dept., California Fruit Growers Exchange

Oil, Teaseed—Potash, Carbonate

Oil, teaseed, crude, dms.....lb. .08¾- .09
refined, dms.....lb. .10½- .11
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.40 - 2.90
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots.....lb. 8.50 -15.00
Walnut, crude, dms.....lb. .13 - .13¼
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms.....lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, doms., tech.,
50-60 vis., dms.....gal. .40 - —
65-75 vis., dms.....gal. .42 - —
80-90 vis., dms.....gal. .43 - —
USP, 80-90 vis., dms....gal. .46 - —
95-105 vis., dms.....gal. .53 - —
125-135 vis., dms.....gal. .60½- —
140-150 vis., dms.....gal. .64 - —
175-185 vis., dms.....gal. .68½- —
200-210 vis., dms.....gal. .70½- —
320-330 vis., dms.....gal. .76 - —
335-345 vis., dms.....gal. .77 - —
Russian, 80-90 vis., dms. gal. .46 - —
145-155 vis., dms.....gal. .64½- —
175-185 vis., dms.....gal. .68½- —
335-345 vis., dms.....gal. .77 - —
Wintergreen, natural, North, cns..lb. 4.00 - 5.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.25 - 2.30
Wormwood, cns.....lb. 3.35 - 3.40
Ylang-ylang, Bourb., bots., cns., lb. 2.00 - 2.50
Manila, bots. .....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton.16.00 - —
20 mesh to dust.....ton.10.00 - —
Opium, USP, cns.....lb.11.50 -12.50
gran., cns. .....lb.12.50 -13.50
powd., cns. .....lb.12.50 -13.50
Orange, Lake, Persian, bbls..lb. .20 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .11 - —
Colo., Mont., N.M., Wyo. lb. .10¾- —
Other points .....lb. .10¼- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points .....lb. .10¾- —
French, Tours, casks, ex dock, lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .32 - .34
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls.....lb. .12 - .13
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bbls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .80 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs..lb. .37 - .38
medium, bgs.....lb. .35 - .37
Spanish, extra fancy, cs.....lb. .50 Nom.
Parachlorophenol, dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0230- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03⅜- —
loose, c.l.....lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l.....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs., or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .08½- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match. A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.

Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .24 - —
100 to 999 lbs. shipments, same basis..lb. .25 - —
Paraldehyde, tech., 95%, 55 and 160 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd., lb. .17 - —
USP, cs. cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .07 - .08
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .13 - .14
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls.....lb. .13 - .14
Pentanes norm., 28-38°, dms., c.l., G.S..gal. .11½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S .....gal. .06⅜- —
Laboratory grade, dms., c.l., G.S..gal. .14 - —
l.c.l., G.S .....gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .08 - .08⅝
Lampong, bgs.....lb. .04 - .04⅝
Tellicherry, bgs.....lb. .08½- .08⅝
Red, chillies, Japan, 1, bgs..lb. .22 - .22½
Mombassa, bgs.....lb. .23 - .23½
White, Java, Muntok, bgs....lb. .07½- .08
Saigon, bgs.....lb. .07 - .07¼
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls. .....lb. .45 - .46
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, dms., c.l..lb. .02⅝- —
l.c.l. .....lb. .03¾- —
amber, extra, dms.....lb. .02¾- —
l.c.l. .....lb. .04 - —
veterinary, dms., c.l.....lb. .02½- —
white, cream, dms., c.l.....lb. .04¼- —
l.c.l. .....lb. .05¾- —
lily, dms., c.l.....lb. .05¼- —
l.c.l. .....lb. .06¾- —
snow, dms., c.l.....lb. .06¼- —
l.c.l. .....lb. .07¾- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.00
Beldridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Canal-Greely .....bbl. .91 - 1.68
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....lb. .76 - .96
Elk Hills .....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo.....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.23
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .78 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.18
McKittrick .....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Orcutt .....bbl. .70 - .93
Olinda Brea.....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipe-line .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.00
Rosecrans .....bbl. .84 - 1.06
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Maria.....bbl. .63 - .70
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.06
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Wilmington .....bbl. .75 - 1.21
Canada:—
Oil Springs .....bbl. 1.07 - —
Petrolia .....bbl. 1.90 - —
Central West:—
Illinois .....bbl. 1.05 - —
Lima .....bbl. .90 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton .....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill.....bbl. .79 - 1.16
Batson .....bbl. .74 - 1.04
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .79 - 1.16
Goose Creek.....bbl. .79 - 1.28
Hull .....bbl. .74 - 1.04
Humble .....bbl. .74 - 1.04
Liberty .....bbl. .79 - 1.16
Markham .....bbl. .90 - 1.20
Orange .....bbl. .79 - 1.16
Pettus .....bbl. 1.29 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.28
Saratoga .....bbl. .74 - 1.04
Sour Lake.....bbl. .74 - 1.04
Spindle Top.....bbl. .74 - 1.04
Sugarland .....bbl. .79 - 1.28
West Columbia.....bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.12 - —
Kentucky river.....bbl. 1.20 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .73 - 1.05
Caddo .....bbl. .73 - 1.05
Cameron Meadows.....bbl. .74 - 1.13
Choctaw .....bbl. .74 - 1.20
Cotton Valley.....bbl. .73 - 1.05
Darrow .....bbl. .74 - 1.20
De Soto .....bbl. .73 - 1.05
El Dorado.....bbl. .73 - 1.05
Haynesville .....bbl. .73 - 1.05
Homer .....bbl. .73 - 1.05
Iowa .....bbl. .74 - 1.13
Lockport .....bbl. .74 - 1.13
Miller County.....bbl. .73 - 1.05
Pine Island.....bbl. .73 - 1.05
Rainbow .....bbl. .73 - 1.05
Rodessa .....bbl. .73 - 1.05
Smackover .....bbl. .73 - —
Tepetate .....bbl. 1.03 - —
Urania .....bbl. .89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. No prices
Tuxpan .....bbl. No prices
Midcontinent:—
North Texas.....bbl. .51 - 1.10
Oklahoma-Kansas .....bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany .....bbl. 1.88 - —
Corning .....bbl. 1.02 - —

Petroleum, crude, bulk, at wells—
Pennsylvania grade, in Buckeye lines..bbl. 1.45 - —
Eureka lines.....bbl. 1.47 - —
N. Y. Transit lines, bbls. 1.68 - —
S. W. Penn. lines..bbl. 1.53 - —
lower district in National Transit lines.bbl. 1.76 - 1.81
Rocky Mountain:—
Big Muddy.....bbl. .93 - —
Canon City-Florence...bbl. .90 - —
Cat Creek.....bbl. 1.10 - —
Dutton Creek.....bbl. .96 - 1.10
Elk Basin.....bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.05
Frannie, light.....bbl. .45 - .52
Grass Creek, light.....bbl. .90 - —
Iles .....bbl. .92 - .96
Lance Creek.....bbl. .77 - —
Lander .....bbl. .51½- —
Midway .....bbl. .96 - 1.10
Rock Creek.....bbl. 1.00 - —
Salt Creek.....bbl. .96 - 1.10
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County.....bbl. .73 - 1.05
Cleveland-Liberty .....bbl. 1.14 - —
Conroe .....bbl. 1.27 - —
Darst Creek .....bbl. .96 - —
Hardin-Liberty .....bbl. 1.00 - 1.03
Luling .....bbl. .97 - —
Lytton Springs.....bbl. .99 - —
Mirando (incl. Duval)..... bbl. .74 - 1.33
Panola County.....bbl. .73 - 1.05
Salt Flat .....bbl. .96 - —
Tomball .....bbl. .95 - 1.41
Van .....bbl. .93 - —
West Beaumont.....bbl. .79 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County .....bbl. .72 - 1.06
West Texas:—
Artesia, N. M.....bbl. .61 - .85
Crane .....bbl. .53 - .95
Crockett .....bbl. .53 - .95
Ector .....bbl. .53 - .95
Eddy (N. M.) .....bbl. .77 - —
Howard .....bbl. .53 - .95
Jackson, N. M. .....bbl. .61 - .85
Lea, N. M. .....bbl. .53 - .95
Maljamar, N. M. .....bbl. .61 - .85
Mitchell .....bbl. .62 - .95
Pecos .....bbl. .65 - .87
Upton .....bbl. .53 - .95
Winkler .....bbl. .53 - .95
Ether, 30-60° dms., c.l., G. S. gal. .14 - —
l.c.l., G.S.....gal. .25 - —
tanks, G.S.....gal. .13 - —
35-60°, dms., l.c.l., G.S....gal. .30 - —
40-75°, dms., c.l., G.S....gal. .14 - —
l.c.l., G.S.....gal. .25 - —
tanks, G.S.....gal. .13 - —
laboratory grade, dms., c.l., G. S..gal. .14 - —
c.l., G.S.....gal. .25 - —
10-gal. lots, G.S.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .09 - —
Group 3, tanks.....gal. .07¾- .07¾
Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06¾- .06¾
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .164 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .10 - —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax..gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans..gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
high-solvency, 8, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis.....gal. .16 - —
40, same basis.....gal. .14½- —
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09 - —
Group 3, tanks.....gal. .06⅜- .06⅜
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11 - —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .15.2- —
Solvent, rubber, at refinery, East Coast, tanks...gal. .09 - —
Group 3 light, 120 i.b.p., 250 e.p., tanks..gal. .06⅜- .06⅜
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅜- .06⅜
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .08½- —
Group 3, tanks.....gal. .05⅞- .06⅛
tankwagon, Boston, ex tax..gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .181 - —
Des Moines, inc. 4c. tax.gal. .179 - —
Evansville, Ind.,ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09 - —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09 - —
Omaha .....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax..gal. .129 - —
Tulsa, ex tax.....gal. .10 - .11

Petroleum, thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
66, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .08½- —
47-49, tanks.....gal. .09½- .10
New Jersey, tanks.....gal. .08½- —
Group 3, tanks.....gal. .05⅜- .05⅝
Tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn.....gal. .11 - —
Buffalo .....gal. .15 - —
Camden, N. J.....gal. .10 - .12
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .176 - —
Des Moines.....gal. .174 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .158 - —
Minneapolis-St. Paul...gal. .19 - —
Newark .....gal. .09 - —
New York (200 gals.)..gal. .09 - —
Omaha .....gal. .131 - .141
Philadelphia .....gal. .10 - .12
Pittsburgh .....gal. .11½- .13⅝
Providence .....gal. .11½- —
Rochester .....gal. .12 - —
St. Louis.....gal. .142 - —
Syracuse .....gal. .12½- —
Trenton .....gal. .10 - —
Wilmington, Del.....gal. .10 - .12
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15⅛
l.c.l., same basis.....lb. .15½- .16⅛
under 1,000 lbs.....lb. .16¾- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
Yellow, fib., dms., 2000-lb. lots., lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 3.50
Dimethylacetate, cns. .....lb.14.50 -15.00
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs. .....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .20 Nom.
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis.....oz. 2.00 - 3.00
Pimento, bgs.....lb. .14½- .15
Pinkroot, bls.....lb. .34 - .35
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron..ton.23.75 -24.00
linseed, dms. .....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. .....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, southern, bls...lb. .14 - .16
western, bls.....lb. .10½- .11
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls. .....lb. .07 - .07⅛
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .25 - .26
Poppy flowers, red, bls.....lb. 1.50 - 1.55
Seed, Dutch, bgs.....lb. .09½- .10
Polish, bgs. .....lb. .09¼- .09¾
Potash abietate .....lb. .09 - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd. .....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs. .....lb. .17 - —
Bichromate, spot, c.l., works..lb. .08⅝- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —

Potash, carbonate, liquid, dms., c.l., divd..lb.	.03	-	—
l.c.l., dms.....lb.	.03½	-	—
tanks, divd.....lb.	.02¾	-	—
USP, gran., bbls., 325 lbs..lb.	.13½	-	—
powd., bbls., 325 lbs.....lb.	.19	-	—
kgs., 100 lbs.....lb.	.21	-	—
Caustic, flake, 88-92%, dom., dms., c.l., works..lb.	.07	-	—
l.c.l. .....lb.	.07¼	-	.07½
import, dms.....lb.	.07	-	.07½
liquid, 45% basis, dms.....lb.	.03¼	-	.03½
tanks .....lb.	.02¾	-	—
solid, 88-92%, dom., dms., c.l., works..lb.	.06¼	-	—
l.c.l. .....lb.	.06½	-	.06¾
import, dms.....lb.	.06¼	-	.06¾
Chlorate, cryst., kgs.....lb.	.09¼	-	.09¾
gran., kgs.....lb.	.12	-	.15
powd., kgs.....lb.	.08½	-	.09
Chloride, tech., 95%, cryst., bgs., kgs..lb.	.04	-	.06
Chromate, kgs.....lb.	.24	-	.27
Citrate, USP, gran., bbls., 250 lbs..lb.	.33½	-	—
kgs., 100 lbs.....lb.	.34½	-	—
cns., 50 lbs.....lb.	.35½	-	—
cns., 25 lbs.....lb.	.37½	-	.38½
Cyanide, cns., dms.....lb.	.50	-	.55
Glycerophosphate, 75%, sol., dms., 1,000-lb.	.90	-	—
100-lb. lots.....lb.	1.00	-	—
50-lb. lots, cbys. or cns. lb.	1.05	-	—
25-lb. lots, cns.....lb.	1.15	-	—
Guaiacolsulphonate, fib., dms. 100 lbs.	1.60	-	1.65
cns., 25 lbs.....lb.	1.75	-	—
Hydroxide, USP, sticks, cns... 100 lbs.	.30½	-	.32
Hypophosphite, cns., 100 lbs., lb.	.72	-	—
25 to 50 lbs.....lb.	.75	-	—
Iodate, bots., 5 lbs.....lb.	3.31	-	3.35
cns., 25 lbs.....lb.	3.20	-	—
Iodide, bbls., 250 lbs.....lb.	1.13	-	—
bots., or cns.....lb.	1.22	-	1.40
dms. .....lb.	1.13	-	1.16
Kainit, 20% K_2O, bulk, c.l.f., ports..ton.	12.25	-	—
Manure salt, dom., run of mine, approx. 36% K_2O, bulk, c.l.f. ports.....unit-ton.	.58½	-	—
import, 30% K_2O, bulk, shipt. unit-ton.	.58½	-	—
Metabisulphite, kgs.....lb.	.12	-	.13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton.	.53½	-	—
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.. unit-ton.	.53½	-	—
Potash muriate prices in bags are $2 per ton higher than bulk price.			
Oxalate, pure, cryst., kgs....lb.	.30	-	.31
tech., bbls.....lb.	.25	-	.28
Nitrate, crude, bgs., c.l.f. ports. ton.	55.00		Nom.
Perchlorate, kgs., works.....lb.	.09	-	.10½
Permanganate, tech., dms...lb.	.18½	-	.19
Prussiate, red, bbls.....lb.	.30½	-	.34
Yellow, bbls.....lb.	.14	-	.15
Ricinoleate, tech., bbls.....lb.	.13	-	—
Silicate alkaline, lump, bgs., lb.	.07	-	—
Sulphate, NF, cryst., bbls., 400 lbs..lb.	.13	-	—
kgs., 100 lbs.....lb.	.15	-	—
powd., bbls., 350 lbs.....lb.	.14	-	—
kgs., 100 lbs.....lb.	.16	-	—
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.	38.00	-	—
l.c.l. .....lb.	.13½	-	—
Xanthate, dms., c.l. .....lb.	.13	-	—
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipa. ton.	25.75	-	—
Potash-titanium oxalate, kgs...lb.	.35	-	.40
Prickly ash bark, bls.....lb.	.10	-	.15
Berries, bgs.....lb.	No stocks		
Prince's pine herb, bls.....lb.	.15	-	.16
Propane, tanks, G.S.....gal.	.06	-	—
Psyllium seed (see Fleaseed).			
Pulsatilla, bls. .....lb.	.16	-	.17
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb.	.03	-	—
less than 3, works..lb.	.03½	-	—
F and 1, bbls., 3 or over, works..lb.	.03½	-	—
less than 3, works..lb.	.04	-	—
O, O-½, O-¾, and ½, bbls., less than 3, works..lb.	.04½	-	—
3 or over, works..lb.	.04	-	—
Ital-grd., bgs., c.l., shipt. ex dock, N.Y..ton.	32.63		Nom.
l.c.l., 5-20 tons, ex whse., ton.	37.70	-	—
1,000-10,000 lbs., ex whse..ton.	38.70	-	—
2 bgs. to 1,000 lbs., ex whse..ton.	40.70	-	—
single bgs., ex whse.ton.	45.70	-	—
Pumpkin seed, bgs.....lb.	.09	-	.10
Purple lake (see Red).			
Putty, com'l, dms.....100 lbs.	4.00	-	—
linseed oil, raw, dms....100 lbs.	4.50	-	—
refined, dms.....100 lbs.	5.00	-	—
standard, dms.....100 lbs.	3.95	-	—
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Sell test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand..gal.	6.25	-	6.35
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal.	9.20	-	9.35
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb.	.29	-	.29½
fine powd. Japan, bbls., ton lots frt. alld..lb.	.30	-	.31
Pyridin, denaturing, dms. ..gal.	1.63	-	—
refd., 2°, dms. .....lb.	.50	-	—
Pyrites, Spanish, bulk, c.l.f. Alt. ports..unit-ton.	.12-13		Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins..lb.	2.15	-	2.40
resublimed, fib. dms., tins..lb.	4.60	-	—
Pyrophyllite, standard, 200 mesh, c.l. mines..ton.	9.00	-	—
325 mesh, same basis.....ton.	12.00	-	—
No. 3, 200 mesh, c.l. mines. ton.	7.50	-	—
325 mesh, same basis.....ton.	10.50	-	—
Pyrozlin, scrap, amber, cs., works..lb.	.12	-	—
black, cs., works.....lb.	.10	-	—
China white, ivory, cs., works..lb.	.13	-	—
dense white, cs., works..lb.	.10	-	—
gray, cs., works.....lb.	.08	-	—
mixed, mottles, opaque, cs., works..lb.	.04	-	—
shell-demi, cs., works.....lb.	.12	-	—
translucent pastels, cs., works..lb.	.10	-	—
transparent, cs., works...lb.	.20	-	—
colors, cs., works.....lb.	.12	-	—
shavings, amber, cs., works..lb.	.16	-	—
colors, mixed, cs., works.lb.	.10	-	—
white, cs., works.....lb.	.15	-	—

Q

Quassia chips, bls.....lb.	.08	-	.09
Quebracho extract, liquid, 25% tan, bbls., works..lb.	.03½	-	—
tanks, works.....lb.	.02¾	-	—
solid, 63%, bgs., c.l., ex dock, plus duty..lb.	.04	-	—
clarified, 64%, bgs., c.l., same basis..lb.	.04¼	-	—
Queen of the meadow leaves, bgs..lb.	.07	-	.08
Root, bgs.....lb.	.08½	-	.09
Quercitron, extract, liquid, 51°, bbls..lb.	.07½	-	.08½
solid, dms.....lb.	.10	-	.15½
Quicksilver, dom., flasks, (76 lbs. net), divd., N.Y..flask.	90.00	-	93.00
import, flasks, (76 lbs. net) in bond..flask.	74.00	-	—
Quince seed, bgs.....lb.	.70	-	1.10
Quinidine, cryst., small, cns...oz.	.90	-	—
large, cns. .....oz.	.98	-	—
powd., precip., cans.....oz.	.91	-	—
Sulphate, cns. .....oz.	.67	-	—
Quinine, 100 ozs., cns.....oz.	.76	-	—
Acetate, cns.....oz.	.99	-	—
Arsenate, cns. .....oz.	.99	-	—
Arsenite, cns. .....oz.	1.01	-	—
Bisulphate, cns. .....oz.	.54	-	—
Citrate, cns. .....oz.	.72	-	—
Dihydrobromide, bots.....oz.	.75	-	—
Dihydrochloride, bots.....oz.	.75	-	—
Ethylcarbonate, cns.....oz.	.75	-	—
Ferrocyanide, cns. .....oz.	1.01	-	—
Formate, cns. .....oz.	.94	-	—
Glycerophosphate, cns.....oz.	1.14	-	—
Hydrochloride, cns.....oz.	.68		Nom.
Hydrochlorosulphate, cns.....oz.	.75	-	—
Hydrolodide, cns.....oz.	.99	-	—
Hypophosphite, cns.....oz.	.99	-	—
Phosphate, cns. .....oz.	.82	-	—
Salicylate, cns. .....oz.	.73	-	—
Sulphate, U.S.P. X, cns.....oz.	.54	-	—
U.S.P. XI, cns.....oz.	.61	-	—
Sulphocarbolate, cns.....oz.	.97	-	—
Tannate, cns. .....oz.	.57	-	—
Tartrate, cns. .....oz.	.97	-	—
Valerate, cns. .....oz.	.93	-	—
Quinine-urea hydrochloride cns.oz.	.75	-	—

R

R, salt, dry, bbls.....lb.	.55	-	—
paste, dms. .....lb.	.52	-	—
Rapeseed, Belgian, bgs.....lb.	.06½	-	.06½
Dutch, black, bgs.....lb.	.06½	-	.07
red, bgs. .....lb.	.07	-	.07½
Japanese, bgs. .....lb.	.06¼	-	.06⅝
Raspberries, dried, bls.....lb.	.28	-	.30
Red, alizarin lake, bbls., divd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb.	1.10	-	1.90
Red, Alizarin lake prices are ½c. higher divd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.....lb.	.85	-	—
smaller lots, same basis, lb.	.90	-	—
kgs., ton lots, same basis, lb.	.90	-	—
smaller lots, same basis, lb.	.95	-	—
light shade, bbls., ton lots, same basis..lb.	.70	-	—
smaller lots, same basis, lb.	.75	-	—
kgs., ton lots, same basis, lb.	.75	-	—
smaller lots, same basis, lb.	.80	-	—
light-medium shade bbls., ton lots, same basis..lb.	.75	-	—
smaller lots, same basis, lb.	.80	-	—
kgs., ton lots, same basis, lb.	.80	-	—
smaller lots, same basis, lb.	.85	-	—
maroon shade, bbls., ton lots, same basis..lb.	.95	-	—
smaller lots, same basis, lb.	1.00	-	—
kgs., ton lots, same basis, lb.	1.00	-	—
smaller lots, same basis, lb.	1.05	-	—
medium shade, bbls., ton lots, same basis..lb.	.80	-	—
small lots, same basis, lb.	.85	-	—
kgs., ton lots, same basis, lb.	.85	-	—
smaller lots, same basis, lb.	.90	-	—
selenide, bbls., dark, works, lb.	2.50	-	—
light, works.....lb.	2.25	-	—
Orange, bbls., 100-lb. lots, works..lb.	1.50	-	—
Carmine, 40 1-lb. cns., 500 lbs., lb.	4.15	-	—
dms., 500-lb. lots.....lb.	4.00	-	—
100-lb. lots .....lb.	4.10	-	—
Crocus martis (see Red, purple oxide.)			
Eosin toner, bbls.....lb.	1.50	-	1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb.	.68½	-	—
80%-85%, bbls., same basis..lb.	.07¼	-	—
Iron oxide (see Red, oxide).			
Lake C toner, bbls., same basis alizarin lake, contracts.lb.	1.25	-	—
open order.....lb.	1.30	-	—
Lithol toner, bbls., same basis, alizarin lake, contrs..lb.	.68	-	—
open order.....lb.	.73	-	—
Rose lake, bbls.....lb.	.20	-	.30
Pink, bbls.....lb.	.15	-	.20
Lithol-rubin toner, bbls., same basis alizarin lake..lb.	1.35	-	—
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb.	.40	-	—
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom., bbls. lb.	1.46	-	—
Metallic, bbls., Pa., works...lb.	.02	-	—
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works, lb.	.06½	-	—
l.c.l., works.....lb.	.09¼	-	—
shell, dom., cs., works.....lb.	.12	-	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb.	.08¼	-	—
80% copperas oxide, bbls., same basis..lb.	.07¾	-	—
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb.	.75	-	—
open order .....lb.	.80	-	—
Red, Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb.	.04½	-	.04¾
ex whse., Chicago, St. Louis..lb.	.05¾	-	—
San Fran., Los Ang., Portland, Seattle..lb.	.05	-	—
Phloxin toner (see Red, Eosin toner)			
Phosphotungstic rhodamine Y, kgs..lb.	3.90	-	—
Purple lake, kgs.....lb.	.60	-	1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb.	.08	-	—
Toner, kgs.....lb.	1.50	-	2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb.	.50	-	—
Lake, kgs., same basis alizarin lake..lb.	.25	-	.30
Spanish, oxide, bbls., f.o.b. N. Y..lb.	.03¾	-	.0390
Toluidin toner, kgs., same basis alizarin lake..lb.	1.35	-	—
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb.	.11	-	.40
Venetian, bbls., works.....lb.	.0220	-	—
10%, bbls., works.....lb.	.0245	-	—
15%, bbls., works.....lb.	.0255	-	—
20%, bbls., works.....lb.	.02¾	-	—
25%, bbls., works.....lb.	.03	-	—
30%, bbls., works.....lb.	.03¼	-	—
35%, bbls., works.....lb.	.0360	-	—
40%, bbls., works.....lb.	.04	-	—
Vermilion, Amer., bbls., same basis alizarin lake..lb.	.15	-	—
quicksilver, bbls., 500 lbs.lb.	1.56	-	—
smaller lots.....lb.	1.60	-	1.67
Red dyes are listed under Dyes.			
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb.	1.71	-	—
Red saunders wood, ground, bbls., lb.	.12	-	.17
Resorcinol, tech., dms., works.lb.	.75	-	.80
USP, cryst., bbls., works...lb.	1.50	-	1.55
Rhatany root, bgs.....lb.	.09	-	.10
Rhodinol, bots. .....lb.	5.75	-	6.75
Rhubarb root, cs.....lb.	.45	-	.50
powd., bbls., kgs.....lb.	.50	-	.55
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb.	.18¾	-	—
smaller lots.....lb.	.19¼	-	—
powd., bbls., 5,000 lbs., ! shipt..lb.	.17¾	-	—
smaller lots.....lb.	.18¼	-	—
Rose flowers, pale, bls.....lb.	.45		Nom.
red, bls. .....lb.	2.20	-	2.25
Rosemary flowers, bls.....lb.	.25	-	.30
Leaves, bls.....lb.	.05	-	.06
Rosin, gum B, bbls., ex dock. 280 lbs.	4.75	-	—
D, bbls.....280 lbs.	5.00	-	—
E, bbls.....280 lbs.	5.25	-	—
F, bbls.....280 lbs.	5.55	-	—
G, bbls.....280 lbs.	6.45	-	—
H, bbls.....280 lbs.	6.55	-	—
I, bbls.....280 lbs.	6.55	-	—
K, bbls.....280 lbs.	6.65	-	—
M, bbls.....280 lbs.	6.65	-	—
N, bbls.....280 lbs.	6.75	-	—
W. G., bbls.....280 lbs.	7.25	-	—
W. W., bbls.....280 lbs.	7.90	-	—
X, bbls.....280 lbs.	7.90	-	—
Rosin, wood, bbls.....280 lbs.	4.00	-	5.50
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.	25.50	-	—
l.c.l., f.o.b. mines.....ton.	37.50	-	—
import, lump, bbls.....lb.	.14	-	—
powd., bbls.....lb.	.08½	-	.10
Rue, bls.....lb.	.15	-	.16

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Sabadilla seed, powd., bbls....lb.	.18	-	.19
Saccharin, dms., 100 lbs.....lb.	1.45	-	—
cns., 25 lbs.....lb.	1.48	-	1.50
Safflower, bls. .....lb.	.22	-	.23
Saffron, Mexican, bls.....lb.	.26	-	.27
Spanish, tins.....lb.	29.00	-	31.00
Safrol, cns. .....lb.	.52	-	.53
dms. .....lb.	.50	-	.51
Sage, Dalmatian, stemless....lb.	.05¾	-	.06
garden, bls. .....lb.	.06¼	-	.06½
Sago flour, bgs.....lb.	.02½	-	.03¼
Salicin, bots., 5 lbs.....lb.	5.00	-	—
cns., 25 lbs.....lb.	4.75	-	—
Salol, gran., bbls., 200 lbs....lb.	.90	-	—
bxs., 25 lbs.....lb.	.93	-	—
kgs., 100 lbs.....lb.	.90	-	—
powd., 25 lb. dms., 25 lbs.....lb.	1.03	-	—
kgs., 100 lbs. .....lb.	1.00	-	—
Salt, rock, bgs., divd., N. Y..ton.	13.20	-	13.80
l.c.l., bgs., divd., N.Y..ton.	15.00	-	15.60
vacuum, common, fine, bgs., c.l., divd., N.Y..ton.	15.30	-	—
l.c.l., divd., N. Y.....ton.	16.30	-	21.00
Saltcake, grd., dom., bbls., works, ton.	19.00	-	25.00
bulk, works .....ton.	15.00	-	—
import, bulk, c.i.f.....ton.	15.00	-	16.00
Chrome (see Chrome cake).			
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs.	7.50	-	8.25
1-9 tons .....100 lbs.	7.65	-	8.40
less than ton lots..100 lbs.	7.90	-	8.65
gran., bbls., 10-20 tons.100 lbs.	6.50	-	—
1-9 tons .....100 lbs.	6.65	-	—
less than ton lots..100 lbs.	6.90	-	—
powd., bbls., 10-20 tons.100 lbs.	7.50	-	—
1-9 tons .....100 lbs.	7.65	-	—
less than ton lots..100 lbs.	7.90	-	—
Santonin, cryst., cns.....kilo.	40.00	-	42.00
resale, cns.....lb.	19.00	-	21.00
Saponin, crude, cns.....lb.	1.45	-	—
purified, bots, 5 lbs.....lb.	1.65	-	—
cns., 25 lbs.....lb.	1.50	-	—
Sarsaparilla root, Honduras, bls.lb.	.37	-	.39
Mexican, bls. .....lb.	.12½	-	.13
Sassafras, bark, ord., bls.....lb.	.12	-	.13
select, bls. .....lb.	.18	-	.20
Savory, bbls. .....lb.	.07½	-	.07¾
Saw palmetto berries, bgs.....lb.	.07	-	.07½
Scammony root, bgs.....lb.	.06	-	.07
Schaeffer's salt, bgs.....lb.	.46	-	—
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb.	.14¾	-	—
smaller lots.....lb.	.15½	-	—
kegs, 5,000 lbs., 1 shipm't..lb.	.15½	-	—
smaller lots.....lb.	.15¾	-	—
Selenium, pwd., A, 10-lb. tins..lb.	2.00	-	—
100-lb. cases.....lb.	1.75	-	—
Senega, root, bls.....lb.	.64	-	.65
Senna leaves, Alexandria, bls..lb.	.10	-	.14
siftings, bls.....lb.	.06½	-	.09
Tinnevelly, No. 1, bls.....lb.	.09	-	.10
2 bls.....lb.	.07	-	.08
3 bls.....lb.	.04¼	-	.05½
powd., bbls., bxs.....lb.	.09	-	.10
Pods, bls.....lb.	.05½	-	.06
Serpentaria root, bls.....lb.	.68	-	.70
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb.	.19	-	.20
divd. Boston.....lb.	.19¼	-	.20½
Chicago .....lb.	.19¾	-	.20¾
Pacific Coast.....lb.	.22	-	.23
refd., bbls., f.o.b. N.Y.....lb.	.25	-	—
divd. Boston.....lb.	.25½	-	—
Chicago .....lb.	.25¾	-	—
Pacific Coast.....lb.	.28	-	—
Garnet, bgs.....lb.	.12½	-	.18
Orange, D.C., VSO., Diamond, cases..lb.	.20	-	.21
Superfine, bgs., f.o.b. Bost. N. Y..lb.	.11	-	.11½
divd. Chicago.....lb.	.11½	-	.12
Pacific Coast.....lb.	.14½	-	.15

Potash Carbonate—Soda Bicarb.

Shellac, T.N., bgs., f.o.b. Bost., N. Y..lb.	.10½	-	.11
divd. Chicago.....lb.	.11	-	.11½
Pacific Coast.....lb.	.13½	-	.14
varnish, orange, 5-lb. cut., bbls. gal.	.90	-	.95
4½-lb. cut, bbls.....gal.	.85	-	.90
4-lb. cut, bbls.....gal.	.80	-	.85
white, 5-lb. cut, bbls.....gal.	1.00	-	1.10
4½-lb. cut, bbls.....gal.	.95	-	1.05
4-lb. cut, bbls.....gal.	.90	-	1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works..ton.	17.00	-	—
l.c.l., 2½ tons, works..ton.	19.00	-	—
smaller lots, works..ton.	20.00	-	—
wet-grd., 95-97%, 325 mesh., bgs., c.l., works..ton.	18.00	-	—
l.c.l., 2½ tons, work..ton.	19.50	-	—
smaller lots, works..ton.	21.00	-	—
400 mesh, bgs., c.l., works, ton.	35.00	-	—
l.c.l., 2½ tons, works..ton.	36.50	-	—
smaller lots, works..ton.	38.00	-	—
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.	20.00	-	—
l.c.l., 2½ tons, works..ton.	21.50	-	—
smaller lots, works..ton.	23.00	-	—
90%, 325 mesh bgs., c.l., works..ton.	22.00	-	—
l.c.l., 2½ tons, works..ton.	25.50	-	—
smaller lots.....ton.	27.00	-	—
hard-quarts, 140 mesh, bgs., c.l., works.....ton.	11.00	-	—
l.c.l., works.....ton.	16.00	-	—
Silver bullion.....oz.	.42¾	-	—
Govt. purchase.....oz.	.6464	-	—
Cyanide, cns., 1,000 ozs.....oz.	.39½	-	—
500-999 ozs.....oz.	.39¾	-	—
80-499 ozs.....oz.	.39¾	-	—
16-79 ozs.....oz.	.42¼	-	—
Nitrate, vis.....oz.	.31½	-	.33⅛
Nucleinate, bots., cns., 480 ozs., oz.	.30	-	.31
Proteinate, bots., cns., 480 ozs., oz.	.29	-	.30
Simarubra bark, bls.....lb.	.26	-	.28
Skatol, bots.....lb.	75.00	-	80.00
Skullcap, Eastern, bls.....lb.	.16	-	.17
Western, bls.....lb.	.14	-	.17
Skunk cabbage root, bls.....lb.	.12	-	.13
Slate flour, bgs., c.l., works..ton.	9.00	-	—
l.c.l., works.....ton.	10.60	-	15.00
Sloe berries, bgs.....lb.	.10	-	.11
Smalt, black, extra velvet, cnts., lb.	.05	-	.06
Blue, cts.....lb.	.07	-	.08½
Snakeroot, Canada, bls.....lb.	.24	-	.26
Soapbark, bls.....lb.	.07	-	.08
crushed, bls., bbls.....lb.	.11	-	.12
cut, bls., bbls.....lb.	.09½	-	.10
powd., bbls.....lb.	.13	-	.14
Soda abietate, dms.....lb.	.11	-	—
acetate, anhyd., dms., divd..lb.	.08¼	-	.10
flake, gran., powd., 60% dms., c.l., divd..lb.	.04	-	—
l.c.l., divd. ....lb.	.04½	-	.05
powd., 90%, dms., c.l., divd. lb.	.06	-	—
l.c.l., divd. .....lb.	.06¾	-	—
Alginate, dms. .....lb.	.70	-	—
Antimoniate, bbls. .....lb.	.11½	-	.12
Arsenate, dms., dealers, c.l., works..lb.	.06	-	—
l.c.l., dms., works.....lb.	.06¼	-	—
Arsenite, dry, xray, dms., c.l., dealers' works..lb.	.07½	-	.09½
l.c.l., dms., works.....lb.	.08	-	.10
white, dms., c.l., dealers' works..lb.	.09	-	.11
l.c.l., dms., works.....lb.	.09¼	-	.11¼
liquid, 50 gls., dms.....gal.	.35	-	—

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs.	1.10	-	—
l.c.l., Zone 1.....100 lbs.	2.13	-	—
2 .....100 lbs.	2.28	-	—
3 .....100 lbs.	2.33	-	—
4 .....100 lbs.	2.93	-	—
bbls., c.l., works..100 lbs.	1.35	-	—
58%, l.c.l., Zone 1...100 lbs.	2.35	-	—
2 .....100 lbs.	2.50	-	—
3 .....100 lbs.	2.75	-	—
4 .....100 lbs.	3.15	-	—
bulk, c.l., works....100 lbs.	.95	-	—
extra light, 58%, bgs., c.l.... 100 lbs.	1.08	-	—
l.c.l., Zone 1.....100 lbs.	2.08	-	—
2 .....100 lbs.	2.23	-	—
3 .....100 lbs.	2.48	-	—
4 .....100 lbs.	2.88	-	—
bbls., c.l., Zone 1..100 lbs.	1.45	-	—
2 .....100 lbs.	2.60	-	—
3 .....100 lbs.	2.60	-	—
4 .....100 lbs.	3.25	-	—
l.c.l., Zone 1.....100 lbs.	2.45	-	—
bulk, c.l. .....100 lbs.	.90	-	—
light, 58%, bgs., c.l., works, 100 lbs.	1.05	-	1.08
l.c.l., Zone 1.....100 lbs.	2.08	-	—
2 .....100 lbs.	2.23	-	—
3 .....100 lbs.	2.48	-	—
4 .....100 lbs.	2.88	-	—
bbls., c.l., works.....100 lbs.	1.35	-	—
l.c.l., Zone 1.....100 lbs.	2.35	-	—
2 .....100 lbs.	2.50	-	—
3 .....100 lbs.	2.75	-	—
4 .....100 lbs.	3.15	-	—
bulk, c.l.....100 lbs.	.90	-	—

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb.	.39	-	—
1,000 to 3,900 lbs.....lb.	.40	-	—
900 lbs. or less.....lb.	.43	-	—
USP, bbls., 4,000 or more..lb.	.46	-	—
1,000 to 3,900 lbs.....lb.	.47	-	—
900 lbs. or less.....lb.	.50	-	—
dms., 4,000 lbs., or more. lb.	.47	-	.48
1,000 to 3,900 lbs.....lb.	.48	-	.49
900 lbs. or less.....lb.	.51	-	.53
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs.	2.25	-	—
powd., bbls., c.l., works, 100 lbs.	1.85	-	—
l.c.l., divd. N. Y.100 lbs.	2.51	-	—
kgs., c.l.....100 lbs.	2.10	-	—
l.c.l., divd. N. Y.100 lbs.	2.76	-	—
tech., bbls., c.l., wks..... 100 lbs.	1.70	-	—
l.c.l.....100 lbs.	2.05	-	—
bgs., c.l.....100 lbs.	1.55	-	1.90
l.c.l., bgs.....100 lbs.	1.90	-	1.95

Soda Bichromate—Sulphur

Soda, bichromate, spot, c.l., works	lb.	.06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works	lb.	.07 - —
5 cks, or 9 bbls. or less, works	lb.	.07¼- —
Bifluoride, bbls.	lb.	.11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks.	100 lbs.	3.30 - 3.55
l.c.l., works	100 lbs.	3.50 - 3.90
solution, 32 deg., bbls., c.l., works	100 lbs.	1.30 - —
l.c.l., bbls., works	100 lbs.	1.55 - —
38 deg., bbls., c.l., works,	100 lbs.	1.35 - —
l.c.l., bbls., works	100 lbs.	1.60 - —
35 deg., bbls., c.l., works,	100 lbs.	1.40 - —
l.c.l., bbls., works	100 lbs.	1.65 - —
40 deg., bbls., works	100 lbs.	1.55 - —
l.c.l., bbls., works	100 lbs.	1.80 - —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31 - —
fiber dms., 100 lbs.	lb.	.32 - —
Cacodylate bots., 5 lbs.	lb.	5.81 - —
jars 25 lbs.	lb.	5.50 - —
Carbonate (see Soda ash, soda memohydrated, anda sal)		
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works	100 lbs.	2.95 - —
dms., c.l., works	100 lbs.	2.70 - —
l.c.l., Zone 1	100 lbs.	3.55 - 4.90
2	100 lbs.	3.70 - 5.05
3	100 lbs.	3.95 - 5.30
4	100 lbs.	4.35 - 5.70
Soda caustic, electro process, dms., c.l., works	100 lbs.	2.70 - —
l.c.l. same zone prices as ammonia process.		
liquid, 47-49% buyer's tanks, works	100 lbs.	1.92½- —
seller's tanks, works,	100 lbs.	1.95 - —
70%, buyers' tanks, works,	100 lbs.	1.97½- —
seller's tanks, works,	100 lbs.	2.00 - —
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.30 - —
l.c.l., Zone 1	100 lbs.	3.15 - —
2	100 lbs.	3.30 - —
3	100 lbs.	3.55 - —
electro process, dms., c.l., works	100 lbs.	2.30 - —
l.c.l., same zone prices as ammon. process.		
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.		
Chlorate, dom., cryst., bgs., c.l., works	lb.	.06¼- —
l.c.l., works	lb.	.06½- —
powd., bgs., c.l., works	lb.	.06½- —
l.c.l., works	lb.	.07 - .08½
Citrate, U.S.P., VIII, gran. bbls.	225 lb.	.18½- —
cns., 50 lbs.	lb.	.20½- —
25 lbs.	lb.	.22½- .23½
kgs., 100 lbs.	lb.	.19½- —
USP XI, gran., bbls., 250 lbs.	lb.	.24 - —
cns., 50 lbs.	lb.	.26 - —
25 lbs.	lb.	.28 - .29
kgs., 100 lbs.	lb.	.25 - —

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Product

Soda, citrate, powd., bbls., 250 lbs.	lb.	.26½- —
cns., 50 lbs.	lb.	.26½- —
25 lbs.	lb.	.28½- .29½
kgs., 100 lbs.	ton.	.25½- —
Cyanide, 96-98%, dom., dms.	lb.	.14 - .15
import, 96%, cs.	lb.	.12¾- .13¾
Diacetate, 38-85% acidity, bbls., divd.	lb.	.09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07¼- —
l.c.l., 10 or over, same basis	lb.	.07¾- —
5-9, same basis	lb.	.08½- —
1-4, same basis	lb.	.08¾- —
95%, bbls., c.l., same basis	lb.	.07½- —
l.c.l., 10 or over, same basis	lb.	.08 - —
5-9 same basis	lb.	.08½- —
1-4, same basis	lb.	.08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.		
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots	lb.	1.00 - —
smaller lots	lb.	1.15 - —
cns., 25 lbs.	lb.	1.40 - —
powd., bbls., 1,000-lb. lots	lb.	1.05 - —
smaller lots	lb.	1.20 - —
cns., 25 lbs.	lb.	1.45 - —
Hydrosulphite, bbls.	lb.	.16 - .17
Hydroxide, USP., sticks, cns.	100 lbs.	.20¼- .22
Hypophosphite, N.F., cns.	100 lbs.	.67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd,	100 lbs.	2.25 - —
bbls., same basis	100 lbs.	2.45 - —
l.c.l., bgs., wks., frt. equal'd	100 lbs.	2.50 - —
bbls., same basis	100 lbs.	2.70 - —
	100 lbs.	2.40 - 2.65
pea, bgs., c.l., works	100 lbs.	2.60 - —
bbls., works	100 lbs.	2.80 - —
dms., works	100 lbs.	3.10 - —
5,000 lbs. and over, bgs., works	100 lbs.	2.75 - 3.00
bbls., wks.	100 lbs.	2.95 - 3.20
dms., wks.	100 lbs.	3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks.,	100 lbs.	2.85 - 3.10
bbls., wks.	100 lbs.	3.05 - 3.30
dms., wks.	100 lbs.	3.35 - 3.60
500 to 2,500 lbs., bgs., wks.,	100 lbs.	3.10 - 3.35
bbls., wks.	100 lbs.	3.30 - 3.55
dms., wks.	100 lbs.	3.60 - 3.85
less than 500 lbs., bgs., wks,	100 lbs.	3.70 - 3.95
bbls., wks.	100 lbs.	3.90 - 4.15
dms., wks.	100 lbs.	4.20 - 4.45
Iodate, jars	lb.	5.02 - 5.07
Iodide, jars	lb.	2.10 - —
bots.	lb.	2.21 - 2.47
Mandelate, bots., 5 lbs.	lb.	3.30 - —
fib. dms., 100-lb. lots	lb.	3.05 - —
smaller lots	lb.	3.15 - 3.20
Metanilate, kgs.	lb.	.41 Nom.
Metasilicate, ground, dms., c.l., works	100 lbs.	3.15 - —
l.c.l., works	100 lbs.	3.40 - —
cryst., dms., c.l.	100 lbs.	2.90 - —
gran., bbls., c.l., wks.	100 lbs.	2.20 - —
Molybdate, kgs., wks.	lb.	.60 - —
less kgs.	lb.	.65 - —
Monohydrated, bbls.	100 lbs.	2.60 - —
works	100 lbs.	2.30 - —
Naphthenate, bbls.	lb.	.19 - —
Naphthionate, bbls.	lb.	.50 - —
Nitrate, crude, c.l., 100-lb. bgs., Feb.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment	ton.	29.00 - —
200-lb. bgs., same basis	ton.	28.50 - —
bulk, same basis	ton.	27.00 - —
rfd., gran., bbls., 10 tons,	100 lbs.	2.50 - —
1-9 tons	100 lbs.	2.65 - —
smaller lots	100 lbs.	2.90 - —
pwd., bbls., ton lots	100 lbs.	5.65 - —
smaller lots	100 lbs.	5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized,	lb.	.06¾- —
c.l., West Coast, f.o.b. ports	lb.	.08 - —
l.c.l.	lb.	.08¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.		
Oxalate, neut., bbls.	lb.	.09 - —
kgs.	lb.	.11 - —
Perborate, N.F., bbls., c.l., works	lb.	.14¾- —
l.c.l., works	lb.	.15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works	100 lbs.	4.53 - —
l.c.l., works	100 lbs.	5.51 - —
bbls., c.l., works	100 lbs.	4.78 - —
l.c.l., works	100 lbs.	5.71 - —
cryst., tech., bgs., c.l., works,	100 lbs.	1.85 - —
l.c.l., works	100 lbs.	2.25 - —
bbls., c.l., works	100 lbs.	2.05 - —
l.c.l., works	100 lbs.	2.45 - —
monobasic, anhyd., bgs., c.l., works	100 lbs.	7.25 - —
l.c.l., works	100 lbs.	8.00 - —
bbls., c.l., works	100 lbs.	7.45 - —
l.c.l., works	100 lbs.	8.20 - —
tribasic, bgs., c.l., works,	100 lbs.	2.00 - —
l.c.l., works	100 lbs.	2.40 - —
bbls., c.l., works	100 lbs.	2.20 - —
l.c.l., works	100 lbs.	2.60 - —
kgs., c.l., works	100 lbs.	2.70 - —
l.c.l., works	100 lbs.	3.10 - —
USP (dibasic), bbls., works,	lb.	.09 - .11
dried, bbls., dms., works.	lb.	.11½- .14
Picramate, kgs.	lb.	.65 - —
Prussiate, yellow, bbls., works,	lb.	.09¼- .10
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.,	100 lbs.	5.10 - —
l.c.l. same basis	100 lbs.	5.35 - —
bbls., c.l., wks., frt. equalized	100 lbs.	5.30 - —
l.c.l., same basis	100 lbs.	5.55 - —
Ricinoleate, tech., bbls.	lb.	.12 - —
Sal, bgs., divd., N. Y.	100 lbs.	1.20 - —
works	100 lbs.	1.00 - —
bbls., divd. N. Y.	100 lbs.	1.30 - —
works	100 lbs.	1.10 - —
Salicylate, bxs.	lb.	.52 - —
Sesquisilicate, dms., c.l., works,	100 lbs.	3.00 - —
20 dms., and up, divd. N.Y.C.	100 lbs.	3.65 - —
5-19 dms	100 lbs.	4.10 - —
1-4 dms.	100 lbs.	4.30 - —
Silicate, 40° turbid., dms., c.l., works	100 lbs.	.80 - —
l.c.l., 5 or more, works,	100 lbs.	1.05 - —
1-4, works	100 lbs.	1.20 - —
52°, dms., c.l., works	100 lbs.	1.40 - —
l.c.l., 5 or more, works,	100 lbs.	1.65 - —
1-4, works	100 lbs.	1.80 - —
Silicofluoride, dom., bbls.	lb.	.04½- .04¾
import, bbls.	lb.	.04 - .04¼
Stannate, dms.	lb.	.30 - .33
Stearate, lump, powd., bbls., works	lb.	.19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works	100 lbs.	1.45 - 1.65
5 tons or over, works,	100 lbs.	1.70 - 1.90
less than 5 tons, works,	100 lbs.	1.95 - 2.15
cryst. (see Glauber's salt).		

Soda, sulphide, cryst., bbls., c.l., works	100 lbs.	2.25 - —
l.c.l., 5 tons or over, divd.,	100 lbs.	2.75 - —
less than 5 tons, divd.,	100 lbs.	3.00 - —
solid, bbls., c.l., works.	100 lbs.	3.00 - —
l.c.l., 5 tons or over, divd.,	100 lbs.	3.50 - —
less than 5 tons, divd.,	100 lbs.	3.75 - —
Sulphite, cryst., bgs., 100 lbs., works	lb.	2.10 - 2.35
bbls.	100 lbs.	2.30 - 2.55
powd., bbls., c.l.	100 lbs.	5.25 - —
l.c.l., 5 or more	100 lbs.	5.50 - —
1-4	100 lbs.	6.00 - —
Sulphocarbolate, cs.	lb.	.27 - .28
Sulphocyanide, dms., cns.	lb.	.28 - .47
Sulphoricinoleate, bbls.	lb.	.12 - —
Thiosulphate (see hyposulphite).		
Tungstate, CP, kgs.	lb.	1.75 - 1.85
tech., kgs.	lb.	1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald.	gal.	.31 - —
tanks, same basis	gal.	.26 - —
naphtha, solvent, dms., works,	gal.	.31 - —
tanks, E. of Omaha, frt., alld.	gal.	.26 - —
W. coast, f.o.b., Minneapolis, Colo.	gal.	.26 - —
Sorbitol, com'l, solut., dms., c.l., works	lb.	.15½- —
l.c.l.	lb.	.16 - —
Sparteine sulphate, cns.	oz.	1.00 - 1.05
Spearmint leaves, bls.	lb.	.17½- .18
Spikenard root, bls.	lb.	.11 - .12
Spruce extract, reg., bbls., c.l., works.	lb.	.01¾- —
tanks, works	lb.	.01½- —
powd., super, bgs, c.l., works.	lb.	.04 - —
super, bbls., c.l., works	lb.	.01¾- —
tanks, works.	lb.	.01½- —
Squawvine leaves, bls.	lb.	.11 - .12
Squill red, bls.	lb.	.14 - .15
white, bls.	lb.	.06 - .07
powd., bbls., bxs.	lb.	.12 - .13
St. Ignatius beans, bgs.	lb.	.43 - .45
St. John's bread, edible, bls.,	lb.	.07 - .07½
inedible, bls.	lb.	.05 - .06
Starch, corn, pearl, bgs., f.o.b. Chicago	100 lbs.	2.50 - 2.70
divd., N. Y.	100 lbs.	2.85 - 3.05
powd., bgs., f.o.b. Chicago,	100 lbs.	2.60 - 2.80
divd., N. Y.	100 lbs.	2.95 - 3.15
Potato, dom., bgs.	lb.	.04 - .05
import, bgs.	lb.	.05 - .06
Rice, bbls.	lb.	.06¼- .07¼
Wheat, thick boil, bgs.	lb.	.05 Nom.
Staveacre seed, bgs.	lb.	.14 - .15
Stearin, oleo, bbls.	lb.	.06½- .06¾
Stillingia root, bls.	lb.	.07½- .08
Stoneroot, bls.	lb.	.07½- .08
Storax, cs.	lb.	.48 - .49
Stramonium leaves, bls.	lb.	.13 - .14
Seed, bgs.	lb.	.09 - .10
Strontium bromide, fib, dms.	lb.	.57 - .58
kgs., 150 lbs.	lb.	.55 - —
Carbonate, N.F., IV, 250-lb. bbls.	lb.	.30 - —
25-lb. bxs.	lb.	.35 - —
100-lb. kgs.	lb.	.32 - —
tech., 99-100 pc., precip., bbls.,	lb.	.16½- .17½
Chloride, bbls.	lb.	.11 - .12½
Iodide, bots., 5 lbs.	lb.	2.90 - —
jars, 25 lbs.	lb.	2.85 - —
Nitrate, dom., bbls., c.l., works	lb.	.07¾- —
25 bbls. and over	lb.	.08¼- —
1-24 bbls. and over	lb.	.08¾- —
Strophanthus seed, Kombe, bgs.	lb.	1.05 - 1.10
Styralyl acetate, bots.	lb.	6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots	oz.	.50 - —
powd., cns., 100-oz. lots	oz.	.40 - —
Acetate, 25-oz. cns., 100-oz. lots	oz.	.66 - —
Arsenate, 25-oz., cns., 100-oz. lots	oz.	.68 - —
Arsenite, 25-oz. cns., 100-oz. lots	oz.	.66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots	oz.	.67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots	oz.	.66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots	oz.	.77 - —
Nitrate, 25-oz. cns., 100-oz. lots	oz.	.60 - —
Phosphate, 25-oz. cns., 100-oz. lots	oz.	.67 - —
Sulphate, cryst., cns., 100-oz. lots	oz.	.42 - —
powd., cns., 100-oz. lots,	oz.	.32 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.	lb.	.45 - —
tech., bbls., l.c.l., works	lb.	.40 - —
Sugar coloring, bbls.	gal.	.70 - 1.10
Milk, bbls., c.l.	lb.	.15 - —
l.c.l., 10 or over	lb.	.16 - —
less than 10	lb.	.17 - —
Sulfanilamide, 5 lb., bots.	lb.	1.40 - —
fib., dms., 1,000 lbs., 1 delivery,	lb.	1.00 - —
100 lbs.	lb.	1.05 - —
Sulphonethylmethane, kgs.	lb.	6.75 - 6.80
Sulphonmethane, kgs.	lb.	5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts	long ton.	16.00 - —
f.o.b. steamers, Gulf ports, contract	long ton.	17.50 - —
ex vessels, Atlantic seaboard, contract	long ton.	20.50 - —
ex vessel, Puget Sound, Columbia River, and British Columbia ports, bulk, contract	long ton.	22.00 - —
flowers, bgs., c.l., works.	100 lbs.	3.00 - —
bbls., works	100 lbs.	3.35 - —
l.c.l., bgs., works	100 lbs.	3.35 - 3.75
bbls., works	100 lbs.	3.70 - 4.10
Refined, broken, bgs., c.l., works	100 lbs.	2.15 - —
bbls., works	100 lbs.	2.30 - —
l.c.l., bgs., works	100 lbs.	2.50 - 2.90
bbls., works	100 lbs.	2.65 - 3.05
flour, comm'l, bgs., c.l., works,	100 lbs.	1.60 - —
bbls., c.l., works	100 lbs.	1.95 - —
l.c.l., bgs., works	100 lbs.	1.95 - 2.35
bbls., works	100 lbs.	2.30 - 2.70
extra fine, bgs., c.l., works,	100 lbs.	2.35 - —
bbls., works	100 lbs.	2.70 - —
l.c.l., bgs., works	lb.	2.20 - 2.60
bbls., works	lb.	2.55 - 2.95
heavy, bgs., c.l., wks.	100 lbs.	2.55 - —
bbls., works	100 lbs.	2.90 - —
l.c.l., bgs., works,	100 lbs.	2.90 - 3.30
bbls., works	100 lbs.	3.25 - 3.65
light, bgs., c.l., works.	100 lbs.	2.65 - —
bbls., works	100 lbs.	3.00 - —
l.c.l., bgs., works,	100 lbs.	3.00 - 3.40
bbls., works	100 lbs.	3.35 - 3.75
rock, virgin, bbls., c.l., works,	100 lbs.	2.15 - —
l.c.l., bbls., works	100 lbs.	2.50 - 2.90
roll, bgs., c.l., works	100 lbs.	2.35 - —
bbls., works	100 lbs.	2.50 - —
l.c.l., bgs., works	100 lbs.	2.70 - 3.10
bbls., works	100 lbs.	2.85 - 3.25

Sulphur, rubber maker's, com'l, 99½%, c.l., frt. alld. 100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld. 100 lbs. 2.35 - —
bbls., same basis 100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l. lb. .08 - —
l.c.l., dms., works lb. .04 - —
10-gal. dms., c.l. lb. .07 - —
l.c.l. lb. .08 - —
Dioxide, liq., com'l, cyls., works lb. .07 - .09
multi-unit cars, works lb. .04½- .07
tanks, works lb. .04 - .05
refrigeration, cyls., works lb. .16 - .40
multi-unit cars, works lb. .07½- .10
Iodide, bots., jars lb. 3.90 - —
Sumac, grd., Sicilian, bls. ton. 65.00 - —
leaf, bales ton. 70.00 - —
Extract, 42°, bbls. lb. .05½- —
51°, bbls. lb. .06½- —
stainless, bbls. lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06⅝- .06⅝
medium, bgs. lb. .05 - .05½
poultry, bgs. lb. .0400- .0430
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto. unit-ton. .70 - —

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Talc, dom., Calif., 1, bgs., c.l., mills ton. 20.00 - —
2, bgs., c.l., mills ton. 17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills ton. 14.00 - —
l.c.l., mills ton. 16.00 - —
96-98%, 325 mesh, bgs., c.l., mills ton. 15.00 - —
l.c.l., mills ton. 17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills ton. 15.25 - —
l.c.l., mills ton. 17.25 - —
90.85-99.90%, 325 mesh, bgs., c.l., mills ton. 17.00 - —
coarse, off color, bgs., c.l., mills ton. 11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills ton. 21.00 - —
l.c.l., mills ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse ton. 25.00 - —
Canad., bgs., c.l., mills ton. 11.50 -18.00
French, high-grade, bgs., l.c.l., ex whse ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival ton. 23.00 -25.00
l.c.l., ex whse ton. 37.50 -42.50
Italian, 1, bgs., ex dock, arrival ton. 65.00 -67.00
ex whse ton. 85.00 - —
2, bgs., ex dock, arrival ton. 60.00 -62.00
Tallow, animal, edible, bbls. lb. .05¾ Nom.
extra, loose, works lb. .05¼- —
special, loose, works lb. .05 - —
vegetable, ship., cs. lb. .06½ Nom.
sulphonated, 35% (24% fat), dms., c.l. lb. .03⅞- .04⅜
l.c.l. lb. .04⅜- .05⅜
50% (43% fat), dms., c.l., lb. .05⅜- .05⅞
l.c.l. lb. .06⅜- .06⅞
50% (48% fat), dms., c.l. lb. .05⅞- .06⅜
l.c.l. lb. .06⅞- .07⅜
Tamarind, W. I., bbls. lb. .05 - .05½
kegs keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk unit-ton. 3.25 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.35 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago unit-ton. 3.25 & .10
high-grade feeding, bulk, Chicago unit-ton. 3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, ship. unit-ton. 3.15 & .10
Tansy leaves, bls. lb. .17 - .18
Tapioca flour, bgs. lb. .01¾- .03¾
Tar acid oil, 15%, dms., c.l., works gal. .21 - —
l.c.l., same basis gal. .24 - —
25%, dms., c.l., works gal. .25 - —
l.c.l., same basis gal. .28 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities gal. .25 - .29
dlvd., ports gal. .25 - —
l.c.l. gal. .26 - —
tanks, dlvd. E. cities gal. .20 - —
Tarragon herb, bgs. lb. .30 - .31
Tartar emetic tech., fine gran., bbls., 5 or more lb. .27¾- —
less than 5 lb. .28 - —
powd., bbls., 5 or more lb. .27¾- —
less than 5 lb. .28 - —
USP, powd., bbls. lb. .33 - .33½
Terebene, cans lb. .70 - .75
Terpinyl acetate, cns. lb. .77 - .85
Terpin hydrate, kgs. lb. .45 - .46
Terpineol, CP, cns. lb. .25 - —
dms. lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt. lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works lb. .06 - .06½
Tetrachloroethylene, CP, dms. lb. .21½- —
tech., dms. lb. .09½- —
Tetralin, dms. lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, btls., wks. lb. 5.00 - 7.00
Theobromine, cns. lb. 2.10 - 2.40
Sodiosalicylate, cns. lb. 1.75 - 1.85
5-lb. bots. lb. 2.01 - —
Thiocarbanilide, dms. lb. .24 - —
Thorium nitrate, cs., works lb. 2.00 - —
Thyme, French, bls. lb. .12 - .13⅜
Thymol, dms., 100 lbs. lb. 1.40 - —
cns., 25 lbs. lb. 1.45 - —
Iodide, kgs., 50 lbs. lb. 2.25 - 2.30
25 lbs. lb. 2.35 - 2.40
Timbo root, powd., 4% rotenone. bbls. lb. .18 - .26
5% rotenone, bbls. lb. .22 - .30
Tin chloride (ous), anhyd. lb. .43½- .44
Crystals, bbls., kgs. lb. .35½- .36
Metal, Straits lb. .4520- —
Oxide, bbls. lb. .50 - .52
Tetrachloride, anhyd., bbls. lb. .23 - —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. pd. lb. .14 - —
Pac. cst., f.o.b. terminals lb. .15 - —
l.c.l., 5 tons, E. frt. pd. pd. lb. .14¼- —
Pac. cst., ex whse. lb. .15¼- —
1,000-9,999 lbs., E. frt. pd. lb. .14½- —
Pac. cst., ex whse. lb. .15½- —
50-999 lbs., E. frt. pd. lb. .14⅝- —
Pac. cst., ex whse. lb. .15⅝- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. cst., ex whse. lb. .18 - —
bbls., c.l. (20 tons), E. frt. pd. lb. .14¼- —
Titanium, dioxide, bbls., l.c.l., 5 tons, E. frt. pd. lb. .14½- —
1,000-9,999 lbs., frt. pd. lb. .14⅝- —
50-999 lbs., frt. pd. lb. .15 - —
Phthalate-treated, bgs., c.l., (20 tons), frt. pd. lb. .22 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse. lb. .22½- —
1,000-9,999 lbs., E. frt. pd. lb. .22½- —
Pac. cst., ex whse. lb. .22¾- —
50-999 lbs., E. frt. pd. lb. .22¾- —
Pac. cst., ex whse. lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., E. frt. alld. lb. .05⅝- —
Pac. cst., f.o.b. terminal lb. .05⅝- —
l.c.l., dlvd. lb. .05⅞- —
Pac. cst., ex whse. lb. .05⅞- —
under 50 lbs., E. dlvd. lb. .06⅜- —
bbls., c.l., E., frt. alld. lb. .05⅞- —
l.c.l., E., dlvd. lb. .06⅛- —
Tolidin base, distilled, kgs. lb. .86 - —
Tolu, balsam, cns. lb. .44 - .48
Toluidin, mixed, dms. lb. .26 - —
Toluol (toluene), pure, dms., works gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .22 - —
Nitration, dms., wks. gal. .26½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls. lb. .26 - .28
root, bls. lb. .38 - .40
Tonka beans, Angostura, cks. lb. 2.40 - 2.50
Brazilian, Surinam, cs., lbs. lb. 1.00 - 1.10
Triacetin, dms. lb. .26 - —
Triamyl borate, dms., l.c.l., works lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd. lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works lb. .46 - .48
Tributylamine, dms., l.c.l., works to
Trichloroethylene, dms., c.l., works, frt. alld. Zone A lb. .089 - —
l.c.l., dms. lb. .094 - —
Zone B, c.l. lb. .104 - —
l.c.l., dms. lb. .109 - —
Zone C, dms., l.c.l. lb. .104 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd. lb. .40½- .51½
dms., c.l., dlvd. lb. .34½- —
500 lbs., dlvd. lb. .37½- —
tech., dms., c.l. lb. .22 - —
500 lbs., dms. lb. .22½- —
less than 500 lbs. lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works lb. .20 - —
tanks, works lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works lb. .26 - —
Trimethyl phosphate, cns. lb. .54 - .56
dms., dlvd. lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. lb. 1.05 - —
Triphenyl phosphate, dms. lb. .38 - —
Tripoli air-floated, bgs., c.l., works ton. 26.00 - —
double-grd., bgs., c.l., works. ton. 16.00 - —
once-grd., bgs., c.l., works ton. 14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks. lb. 2.10 - 2.20
Oxide, CP, kgs. lb. 2.40 - 2.60
Chem. grade, kgs. lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs. lb. .05½- .05⅞
Madras, bgs. lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock gal. .31½- —
l.c.l., 10, ex dock gal. .33½- —
5, ex dock gal. .35½- —
wood, dest., dist., dms., dlvd. E. cities, ports gal. .22 - .24
tanks, dlvd. E. cities gal. .19 - —
steam-dist., dms., c.l., dlvd gal. .27 - —
l.c.l., dlvd gal. .30 - .32
tanks, dlvd gal. 22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va. ton. 95.00 - —
smaller lots, f.o.b. Belle, W. Va. ton. 95.00 - —
f.o.b. N. Y. ton. 101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt. ton. 95.00 - —
smaller lots, f.o.b. N. Y. from whse. 101.00 - —
pure, cs. lb. .14½- .15½
Urea-ammonia liquor 53% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls. lb. .08¼- .08¾

V

Valerian root, bls. lb. .09½- .10
Valonia, beards, bgs., ship. ton. 47.00 - —
Cups, bgs., shipt. ton. 31.00 - —
extract, powdered, 63% lb. .06 - —
Vanilla beans, Bourbon, tins lb. 5.15 - 5.50
Mexican, tins lb. 5.25 - 5.75
cuts, tins lb. 4.90 - 5.00
South American, tins lb. No prices
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins lb. 2.25 - —
1-lb. tins lb. 2.35 - —
ex guaiacol, 25-lb. tins lb. 2.10 - —
5-lb. tins lb. 2.15 - —
1-lb. tins lb. 2.25 - —
Vanillin, ex lignin, 25-lb. tins lb. 2.10 - —
5-lb. tins 2.15 - —
1-lb. tins lb. 2.25 - —
Venice turpentine, true, cs. lb. .42 - .44
Verdigris, bbls., kgs. lb. .22 - .23
Vinyl acetate, cns., works lb. .25 - —
dms., c.l., 30,000 lbs., gross works lb. .14 - —
l.c.l., works lb. .15 - —
tanks, works lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls. lb. .39 - .40
tree lb. .19 - .22
Wattle bark, bgs., shipt. ton. 36.50 -38.50
Extract, bbls. lb. .04½- —
Wax, bayberry, import, bgs. lb. .18½- .19
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10 lb. .18½- .19
1 bg. lb. .19 - .19½
Brazil, Chile, bgs., 5-10 tons, lb. .21 - .21½
1 ton lb. .21½- .22
500 lbs. lb. .22 - .22½
100 lbs. lb. .22½- .23
refd., slabs, cs., lbs. lb. .25½- .26
Candelilla, bgs., 1 ton lb. .15½- .16
jobbing lots lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton lb. .29 - .30
5 bgs. lb. .29½- .30½
1 bg. lb. .30 - .31
N. C. 2, bgs. lb. .34 - .35
N. C. 3, bgs., 1 ton lb. .30 - .30½
5 bgs. lb. .30½- .31
1 bg. lb. .31 - .31½
refined, bgs. lb. .33½- .34½
yellow, No. 1, bgs., 1 ton lb. .37½- .39
5 bgs. lb. .38 - .39½
1 bg. lb. .38½- .40
No. 2, bgs. lb. .36½- .38
Ceresin, dom., 138°-140° m.p., bgs., 1 ton lb. .08½- —
jobbing lots lb. .09½- —
150°-160° m.p., bgs., 1 ton lb. .09½- —
jobbing lots lb. .10½- —
160° m.p., bgs., 1 ton lb. .10½- —
jobbing lots lb. .11½- —
Japan, cs. lb. .10¾- .11
Montan, bgs., c.l. lb. .11 - —
5 tons lb. .11¼- .11½
less than 1 ton lb. .11¼- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs. lb. .62 Nom.
70°-72° C., bgs. lb. .35 Nom.
74°-76° C., bgs. lb. .38 Nom.
snow-white, pure 76°-78° C., bgs. lb. .45 - .46
yellow, natural, 76°-78° C., bgs. lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs. lb. .18 - .21
cakes, cs. lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls. lb. .06 - .06¼
White precipitate, powd., 5-lb. bots. lb. 1.79 - —
dms., 50 lbs., or more lb. 1.66 - —
Whiting, chalk, com'l., dry-grd., bp. bgs., c.l., works ton. 12.00 - —
l.c.l., works ton. 14.00 - —
bbls., c.l., works ton. 15.00 -16.50
l.c.l., works ton. 17.00 - —
pap. bgs., c.l., works ton. 11.20 -13.50
l.c.l. works ton. 13.20 -14.50
wet-grnd., blp., bgs., c.l., works ton. 14.50 -15.00
l.c.l., works ton. 15.00 -19.00
bbls., c.l., works ton. 17.00 -18.00
glider's bolted, blp., bgs., c.l., works ton. 15.00 - —
l.c.l., works ton. 16.00 - —
bbls., c.l., works ton. 18.00 -19.50
l.c.l., works ton. 19.00 -20.00
pap. bgs., c.l., works ton. 14.60 -15.50
l.c.l. works ton. 15.60 -16.50
extra bolted, blp., bgs., c.l., works ton. 15.00 - —
l.c.l., works ton. 16.00 - —
bbls., c.l., works ton. 18.00 -22.50
l.c.l., works ton. 19.00 -22.00
pap. bgs., c.l., works ton. 14.60 -17.50
l.c.l., works ton. 15.60- 18.50
Paris white, blp., bgs., c.l., works ton. 15.00 - —
l.c.l., works ton. 16.00 - —
bbls., c.l., works ton. 18.50 -24.00
l.c.l., works ton. 19.00 -25.00
pap. bgs., c.l., works ton. 14.60 -20.00
l.c.l., works ton. 15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l. ton. 9.25 - —
99.75% 200 mesh, paper bgs., c.l., same basis ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis ton. 6.25 - —
gilders, bgs. (extra), c.l., works ton. 11.50 - —
l.c.l., 8-20 tons, works ton. 12.50 - —
4-8 tons, works ton. 13.50 - —
2-4 tons works ton. 14.50 - —
putty grade, bgs. (extra), c.l., works ton. 11.00 - —
l.c.l., 8-20 tons, works ton. 12.00 - —
4-8 tons, works ton. 13.00 - —
2-4 tons, works ton. 14.00 - —
water-floated, bgs. (extra), c.l., works ton. 11.50 - —
l.c.l., 8-20 tons, works ton. 12.50 - —
4-8 tons, works ton. 13.50 - —
2-4 tons, works ton. 14.50 - —
Precipitated, bgs., c.l., works. ton. 15.00 - —
l.c.l., 5 tons, works ton. 20.00 - —
smaller lots, works ton. 25.00 - —
Wild cherry bark, thick, natural. bls. lb. .04¼- .05
rossed, bls. lb. .07½- .09
thin natural, bls. lb. .06 - .07
rossed, green, bls. lb. .09 - .10
Wild Indigo root, bgs. lb. .09 - .10
Witch-hazel extract, dist., NF bbls. gal. .40 - .45
Leaves, bls. lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works ton. 25.00 - —
standard, bgs., c.l., works. ton. 20.00 - —
import, 70 mesh, bgs., ex dock, ton. 22.00 - —
80 mesh, bgs., ex dock ton. 24.50 - —
100 mesh, bgs., ex dock ton. 27.50 - —
120 mesh, bgs., ex dock ton. 30.00 - —
Wormseed, American, bgs. lb. .06 - .10
Levant, bgs. lb. 3.70 - 3.75
Wormwood, bls. lb. .09 - .10

X

Xylol (xylene), indus., dms., works gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .26 - —

Sulphur—Zinc Oxide

Xylol, nitration, dms., works. gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo. gal. .33 - —
5°, dms., works gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms. lb. .35 - .36

Y

Yara yara, cryst., cns. lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs. lb. 1.35 - 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld. lb. .45 -
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts lb. .14½- —
open order lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.) Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls. lb. .09 - .11
Hansa, bbls., same basis, chrome lb. 1.37 - -
primrose shade, bbls., same basis, chrome lb. 1.75 - -
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works lb. .06½- —
B, bbls., works lb. .04½- —
C, bbls., works lb. .06½- —
yellow, A, bbls., works lb. .02¾- —
B, bbls., works lb. .02½- —
C, bbls., works lb. .02 - —
D, bbls., works lb. .0195 - —
E, bbls., works lb. .01775- —
F, bbls., works lb. .01½- —
G, bbls., works lb. .01½- —
H, bbls., works lb. .01¾ -
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import lb. .02475- —
New York (f.o.b.) lb. .02¾- —
Philadelphia, for import lb. .02¾- —
Portland, Seattle lb. .03 - —
San Pedro, S. Francisco lb. .0290 -
l.c.l., ex dock, Balto, Boston, N. Orleans lb. .03575- —
New York lb. .02¾ -
ex-dock Phila., for import lb. 02¾- -
Portland, Seattle lb. 03¼- —
San Pedro, S. Francisco lb. .03 -
ex whse., Balto., Boston, N. Orleans lb. .03725- -
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis lb. .03¼- —
New York lb. .02¾- —
Pittsburgh lb. .03¼- —
Portland, Seattle lb. .03¾- —
San Pedro, S. Francisco lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis lb. .04¾- —
synth., bbls., c.l. works lb. .06¼- —
l.c.l., same basis lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts lb. .18 - —
open order lb. .19 - —
Yellow dock root, bls. lb. .09 - .10
Yellow root (xanthorhiza), bls. lb. .09 - .10
Yerba santa leaves, bls. lb. .07½- .08
Yohimbine hydrochloride, vis. oz. 2.50 - 2.80

Z

Zinc acetate, tech., bbls., dvld., lb. .21 - —
USP, bbls., 250 lbs. lb. .27 - —
kgs., 100 lbs. lb. .29 - —
Arsenite, bgs., c.l. dealers, E. of Rockies lb. .12 - —
l.c.l., bags lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.
Carbonate, tech., bbls. lb. .14 - .15
USP, precip., powd., bbls. lb. .31 - —
dms. lb. .36 - —
kgs. lb. .33 - —
Chloride, fused, dms., c.l., works 100 lbs. lb. 4.25 - —
l.c.l., works 100 lbs. lb. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works 100 lbs. lb. 5.75 - —
USP, 200-lb. dms. lb. .25 - —
25-lb. jars lb. .31 - —
solut., dms., wks. lb. .04½- —
tanks lb. .0226- —
Cyanide, kgs., works lb. .33 - —
Dust, bbls., c.l., dlvd. lb. .06½- —
l.c.l., bbls., dlvd. lb. .07 - —
Fluoride, bbls. lb. .20 - .25
Iodide, N.F., bots. lb. 4.35 - —
jars lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd. lb. .06½- .07⅛
l.c.l., dlvd., except Pac. cst. lb. .06½- .07⅝
ex whse., Pac. cst. lb. .06½- .07⅝
bbls., c.l., dlvd. lb. .06½- .07⅝
l.c.l., dlvd., except Pac. cst. lb. .06¾- .06
ex whse., Pac. cst. lb. .06¾- .06
leaded, 5%, bgs., c.l., dlvd. lb. .06½- —
l.c.l., dlvd., except Pac. cst. lb. .06⅝- —
ex whse., Pac. cst. lb. .06¾- -
bbls., c.l., dlvd. lb. .06¾- —
l.c.l., dlvd., except Pac. cst. lb. .06¾- -
ex whse., Pac. cst. lb. .06¾- -

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Something To Work On

The Secretary of Commerce, with an encouraging, new conception of the meaning of his title, has stated his ideas of the needs in government-business cooperation for the restoration of national prosperity. What he has had to say deserves thorough study in an objective manner. The secretary has had experience in the palliating of unemployment; he apparently is desirous of getting to the remedying of the economic malady which underlies that distressful symptom.

The attitude of the Secretary of Commerce toward the remedying of national economic ills should be accepted as an earnest one. He should be given a chance, by government and by business, to undertake the completion of his diagnosis, and he should be given the assistance of both parties in providing and applying remedial methods.

It is unfortunate, if true, that the Secretary of Commerce was not allowed, as has been stated, to present his views on the business situation before a gathering of representative business leaders, where there would be opportunity for critical discussion. As long as business, or government, lacks confidence in the other, it must be expected that the old adage about giving a dog a bad name will apply, and there is no reason why either party should be reluctant to hear what the other has to say, or should fear to talk back there and then.

Neither business nor government alone can get out of the mess in which both have been floundering unnecessarily long. They have been like two automobiles stuck in the mud: the separate efforts of each to extricate itself have only mired both more deeply. Working together, with intelligent, coordinated use of their respective "engines," they can both get out.

The Secretary of Commerce has ideas. They are not harebrained. The extent to which they are good or bad, practicable or impracticable, depends on a number of things, but mostly on the state of mind in which they are presented and that in which they are received. The good that is in them can be usefully applied through cooperation; their shortcomings can be remedied by cooperation, which neither party can reasonably withhold.

Freedom That Binds

There is no economic freedom under competition which forces unwarranted losses on certain sellers in a given market. Force and freedom are absolutely incompatible. The producer, or distributor, who has an advantage in actually lower costs—this reason for price-cutting seldom has a factual basis—obviously is better served by taking the larger profit that this makes possible, and he fares better in actual practice, because, if he undersells, somebody always is ready to force him to sell at a loss, and usually is enabled to do this by having some other article to sell at an excessive profit. At best, the benefit to consumers is narrow and short-lived.

Efficiency in industry or commerce, whether it have actual existence by reason of better equipment or, as is more often true, is effected by paying lower wages, is not to be compared with equilibrium in general and permanent beneficence. Real efficiency serves best when it rewards the efficient. It can be widely disastrous and permanently destructive when it is used as a competitive weapon. Spurious "efficiency," the more common kind, has no general economic effect that is not harmful.

But, efficiency of either kind is not often even the professed reason for price-cutting in the sale of industrial materials. This practice is usually based on greed and selfishness, sometimes on ignorance. The result is always the same; everybody loses money—and somebody sometime must pay for these losses. That is where the consumer suffers. That is the reason why the antitrust laws' proscription of industry's right to assemble for the assuring of individual freedom to exist is in conflict with common sense and common law.

The freedom of competition of the antitrust laws is an anomaly and a contradiction. If competition is to be free, why is it restrained from exercising full freedom of choice? Why may it not, if it so desires, freely agree to be fair, to desist from predatory price-cutting? Competition is not free when competitors are denied the right to negotiate the termination of mutual destruction.

—O-P-D—

Too Valuable To Scrap

"Great Jurist Lost" was the caption on one newspaper comment on the retirement of Justice Brandeis from the Supreme Court of the United States. The same sentiment, variously expressed, headed and composed hundreds of other articles which recognized the valuable services as jurist and as lawyer of the retiring member of the nation's highest tribunal. These estimates were not exaggerated: Justice Brandeis was a great jurist; he is a great man. He has retired as a jurist; but his ability should not be lost.

Justice Brandeis has earned a rest from the arduous duties which he so long and so well performed as a member of the supreme court. Doubtless he has in mind a purpose to which to devote his special capabilities. It is earnestly to be hoped that, out of his continuously demonstrated devotion to the highest, most comprehensive public service, he may see fit to serve further with advice and counsel as he has served as arbiter. His qualifications in understanding of economic truths and of industrial and commercial processes could now be turned to immeasurable general good.

None other is so well equipped as Justice Brandeis in intellect and in convictions to prepare for business a much-needed interpretative commentary—a brief, if you will—on the perpetually puzzling problem of assuring necessary freedom and essential fairness in competition. The advocates of fair trade, which is also competitive freedom in the best sense of the term, could essay no greater service to themselves and to the public than in retaining Justice Brandeis to prepare a brief of their cause. He can do it well. It may reasonably be expected from his classical contributions to this cause that he would accept the engagement. This might point plainly to the need of revision of the so-called "antitrust" laws. Beyond question it would provide the final answer to the sophistries of those who find fair trade unsuited to their aims. It would be an accomplishment worth to fair-purposed business several times the annual salary of a justice of the supreme court.

There is still a larger job for which Justice Brandeis would profitably be engaged by business, a job on a larger, more important scale similar to that which is being done by another retired Federal jurist, Judge Landis as "czar" of professional baseball. Business as a whole needs a "czar" with intelligence to direct its policies and courage to control its practices; a leader who can, not only properly interpret its processes to the public, but also construct them so that they will stand full interpretation. Justice Brandeis is such a man. His experience and ability for the beneficent service of business are far too valuable to be scrapped.

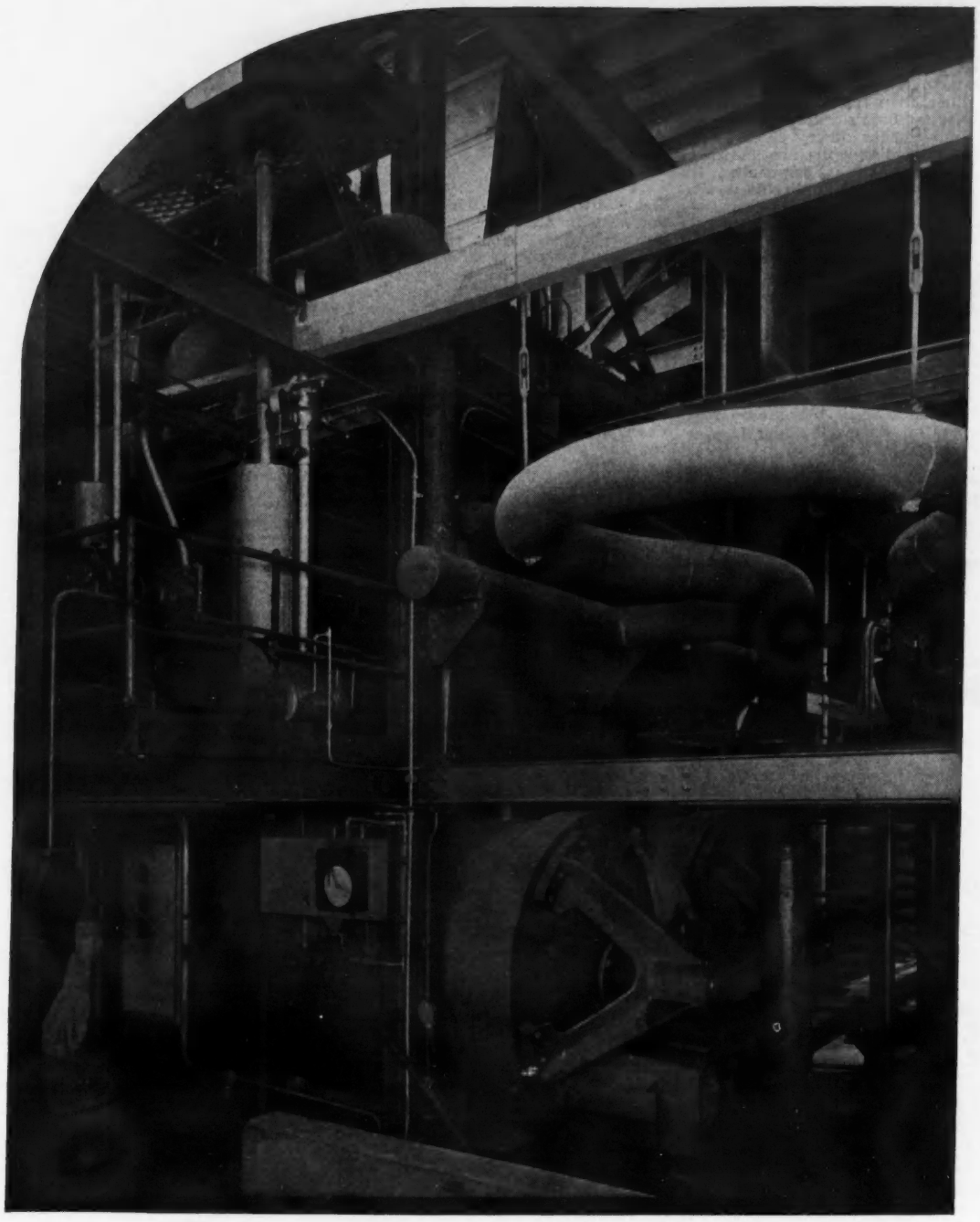
—O-P-D—

More Would Be Too Much

One attempt has failed; but another has been launched in Congress to provide a Federal appropriation of $450,000 for the construction of a plant for the commercial production of superphosphate by the Tennessee Valley Administration. Such a plant is no more needed than is one for the production of salt from the waters of Great Salt Lake for addition to the waters of the Pacific Ocean.

Existing private plants have a productive capacity for normal superphosphate more than twice the maximum consumption of this fertilizer material. Private plants for the production of concentrated superphosphate have an aggregate capacity that exceeds maximum consumption by more than 70 percent. The plants of both sorts are advantageously distributed over the country. The price of superphosphate is low. There is no apparent or conceivable need for governmental expansion of an already oversufficient productive capacity. There could be no advantage; for private producers sell superphosphate for less than it can be made in the TVA plants. The only result would be higher costs to the farmer, or directly higher costs to the consumer in the event that the superphosphate was furnished at less than cost and the loss recouped by means of additional taxes.

Doubtless a larger use of superphosphate in some regions is desirable. Private plants now in existence can meet this need—it does not exist in the vicinity of TVA operations. Excessive use of this fertilizer material is not desirable; it would aggravate the problem of disposing of surplus agricultural production. Governmental efforts to increase the use of fertilizer must conflict with governmental efforts to keep down agricultural surpluses. Spending public money for these two opposing purposes is as economically sound as building locomotives for the sole purpose of wrecking them in head-on collisions.



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TAPPI Reviews Research Activities

—Continued from page 3

rubber derivative, to paper coating. He also explained the mixtures of "Pliolite" and wax, applied from hot coatings.

In discussing the operations of a lime recovery plant, M. B. Mount, of the Mount Chemical Equipment Company, Lynchburg, Va., covered the following points:—The general subject of lime recovery in pulp mills; the relative desirability of recovered lime and fresh lime for causticizing; the proper moisture content of the filter cake discharged into the recovery kiln; the proper alkali content of that filter cake; the most desirable type of fuel to be used for the reclamation of lime sludge; the advisability of returning to the system the material collected in the kiln dust chamber, and ways of preventing the formation of and the removal of rings in such a kiln.

B. G. Wilkes and H. F. Robertson, both of the Mellon Institute, presented a paper on "New Surface Active Chemicals," in which was classified the types of surface active chemicals and wetting agents together with suggested applications in the pulp and paper industry.

J. C. Pullman, of Bert C. Miller, Inc., this city, read a paper on "Dry Coating of Paper," in which was discussed a new process developed for adding a high luster and increased utility to paper by the molten application of plastic material to the base stock at high speed without solvents or other vehicle carriers and thus eliminating fire hazards. The paper explained that as penetration is slight the process is applicable to almost any base stock and renders it resistant to water, moisture-vapor, grease, etc., at the same time providing high luster and brilliant color effects.

Substantial recovery of sodium carbonate, through the installation of a precipitator, was reported by Roy P. Whitney and J. Edward Vivian, of the Massachusetts Institute of Technology, during the presentation of the paper, "Chemical Stack Losses and Their Recovery On the Soda Process." The results, determined on a recovery furnace operating on black liquor from a 105-ton soda pulp mill with a precipitator recovering the dust carried out of the furnace, indicated that the dust leaving the furnace and entering the precipitator amounted to 304 pounds of sodium carbonate per hour, equivalent to 40 pounds of Na_2O per ton of pulp, or 4.4 percent of the chemical input to the furnace. Losses from the precipitator were 39 pounds of sodium carbonate per hour, or 5.2 pounds of Na_2O per ton of pulp, amounting to 0.57 percent of the chemical input. The precipitator was therefore found to remove 87 percent of the carbonate which entered. The value of the recovered dust was $57 per day.

A number of new starch adhesives were described by J. V. Bauer, of the Stein-Hall Manufacturing Company, this city, in discussing "Adhesives for Corrugating." He also emphasized the need for maintaining standard humidity conditions during the testing of corrugated papers for strength, and decried the fallacy of using excessive amounts of glue or binding agent to impart strength to containers.

Albert B. Hurley, president of the National Paper Process Company presented in his paper entitled "Ortho-Krome Process for Coating Paper," a description of a coating process utilizing the printing principle to reduce glare from the paper surface. The process consists in the application of very thin coatings of fine pigments, such as zinc sulphide or its lithopones, simultaneously and rapidly to both sides of the paper. Paper treated by the Ortho-Krome method, he said, is stronger and more opaque, and its surface reflects a controlled light, without glare, causing better and easier vision.

Phosphates Recovery Wins Patent Suit

—Continued from page 3

known shaking separatory device. The district court held that the combining of oil-treatment of phosphate pulp and separation on a shaking table was an original and inventive act.

In the majority appellate opinion by Judges Buffington and Davis, it is said:—

Seeing then the disclosure of the patent specifications was novel and of high value and as the proofs show, the question remains did it involve invention? We are clear that it did. In addition to the prima facies incidentally awarded to the grant of a patent, we have that presumption strengthened by the fact that it was granted after spirited litigation in interferences and after full consideration of the many earlier patents cited against it. The disclosure was revolutionary. The art recovered but one-half the phosphate. It recognized this wasteful fact. It sought to improve it, but no solution came. To this stationary art the patent disclosed a great step forward. It did away with dump heaps known to contain a vast tonnage of phosphate and did for that art and for those wasteful dumps a major advance which ranked the recovery of the dump heap of phosphate with the salvage of culm banks of the coal art; the use of supposedly worthless slag of iron furnaces: and the supposedly worthless dumps of the gold mining industry. Such economic salvages merit the reward of patent protection.

In his dissenting opinion Judge Biggs, accepting the contention that neither the oiling of mineral pulp nor the concentration of minerals on a shaking table was new, held that the use of these methods by Chapman and Littleford was "too closely analogous to that known to the art to sustain invention."

In a separate concurring opinion denying infringement of the Christensen patent, which his associates found not to measure up to standards of anticipation, Judge Biggs pointed out various details of this failure—its insistence on neutrality of the pulp (the Chapman-Littleford pulp being alkaline); its specification of 10 to 15 percent of oil (the other process uses 0.5 to 1 percent); its proscription of the use of iron in the process (the other process involves the use of iron throughout); its essential exclusion of electrolytes and soap (both of these are present in the Chapman and Littleford process.

Ore & Chemical Corp. Elects H. Bernstorff President

H. Bernstorff has been elected president of the Ore & Chemical Corporation, this city. He succeeds W. A. Merton, resigned. The directorate consists of the following:—Mr. Bernstorff; R. Schreiber, vice-president; J. B. Beaty, secretary-treasurer, and Dr. Frank Mueller, president of the American Lurgi Corporation, this city.

Zinc Chloride Advanced To Class Freight Rates

Albany, Feb. 21, 1939

The New York Public Service Commission has approved cancellation of the following:—

By the New York Central of its commodity freight rates on zinc chloride, carload, from points taking Dunkirk basis to Albany, New York, Rochester, Syracuse and Utica. Advances to class rates. Effective March 15, 1939.

Golden Gate Paint Club Holds Meeting with Buyers

The Golden Gate Paint, Varnish and Lacquer Association held a joint luncheon with the Purchasing Agents Association of Northern California on February. R. Smallman, head of the electrical engineering department of the General Electric Company, Schenectady, N. Y., was the principal speaker. The entertainment side of the program had as its theme the San Francisco International Fair.

Lloyd Bell Forms Company

Lloyd B. Bell, connected for eight years with the naval stores department of C. Tennant Sons & Co., this city, has organized the firm of Lloyd B. Bell & Co., with offices at 19 West 44th street. The new firm will specialize in rosin, turpentine and other navel stores products as broker and selling agent.

Stauffer Chemicals

A DEPENDABLE SOURCE OF SUPPLY of

CARBON BISULPHIDE

Stauffer Carbon Bisulphide is a clear, water-white product testing 99.99% pure. Prompt deliveries can be made in any quantity from five-gallon drums to fifty-ton tank cars, from four strategically located plants.

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BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : SULPHUR CHLORIDE : SILICON TETRACHLORIDE : CREAM OF TARTAR : SULPHURIC ACID : CAUSTIC SODA : TARTARIC ACID WHITING : SULPHUR : LIQUID CHLORINE : NITRATE OF POTASH

Chemicals

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424 Ohio Bldg., Akron, Ohio • Apopka, Florida

Heavy Chemicals

General Demand for Industrial Chemicals Lacks Improvement —Liquid Chlorine Prices Show No Further Unsettlement —Bleaching Powder Unchanged—Tin Salts Steady

A quieter tone prevailed in the market for heavy chemicals last week. Perhaps, the mid-week holiday exerted some influence on the dealings, but in the main uncertainty provided the chief retarding factor. Industrial news was not so favorable, and operations receded in some important consuming lines in contrast to the moderate forward movement witnessed earlier in the year. Labor trouble developed in the Detroit area when disputes between rival factions in the United Automobile Workers Union closed two automotive plants affecting several thousand workers.

The market lacked any particular feature pricewise. No further unsettlement was witnessed for liquid chlorine in tanks. Quotations for bleaching powder were fully maintained. Metals and their derivatives were quiet and unaltered. Demand for alums was routine. Tankcar business in aqua ammonia was maintained at fair levels. Alkalies moved moderately. Cyanides, nickel salts and chromic acid were in fair demand. Calcium chloride continued to be favored by weather conditions. Fluorspar was nominal. Soda pyrophosphate moved in satisfactory volume. Copperas remained firm. There was no particular broadening in the demand for potash salts. Sulphuric acid moved through an uneventful period, while other mineral acids lacked any feature. Final preparations were being rounded out in agricultural insecticides and fungicides for the coming consuming season.

The Mexican Valuations Committee has announced a number of changes in the valuations of various metals for the collection of the export tax of 12 percent. Effective from January 20, 1939, the following is a list of the new valuations established for metals, in pesos per net kilo:—Antimony, 0.534; copper, 0.326; tin, 4.272; manganese, 0.105 and tungsten, 3.646, according to a recent report from the American attache in Mexico City.

Alums.—Demand for alums was routine throughout the past week. The market offered little in the way of new developments. Alumina sulphate, ammonia and potash alums received moderate support. Prices were in conformity with those prevailing previously.

Ammonia, Anhydrous. — Trading in this direction was without particular feature, and sellers were not anticipating any definite broadening in the demand until later in the year. Prices ruled unchanged.

Ammonia, Aqua.—Volume of business was maintained at a fair pace. Tankcar business in some sections remained at relatively favorable levels. No new price developments took place.

Ammoniac, Sal. — The character of business showed little deviation from recent weeks, and consumers were displaying caution in making commitments. Quotations were without alteration.

Antimony. — Demand for the metal was quiet, and small lots usually made up the call. Price for domestic spot antimony was unchanged at 11¼c. per pound. Dullness characterized the dealings in antimony oxide and needle powder.

Arsenic. — Chemical processors and ceramic trade furnished a fair interest in the market for white material; withdrawals of red arsenic were modest. Prices were in line with those established some time ago.

Barium Salts. — Most products continued to mark time, however, the outlook for derivatives used in the building trade was brighter, with seasonal influences expected to exert some influence. No change developed in the quotations.

Bleaching Powder. — Prices were in conformity with those established some time ago. Usual consumers provided the call for moderate quantities to take care of nearby requirements.

Blue Vitriol. — Transactions in the market were steady. Sellers were progressing with preliminary arrangements for the horticultural season. Commercial demand was showing satisfactory results. A steady to firm price tone remained in evidence.

Calcium Chloride.—Weather conditions remained favorable in many sections for use of this material in ice control activities, and demand was maintained at relatively good levels. Other consumers made fair-size commitments. Quotations ruled unchanged.

Carbon Bisulphide.—A steady to firm price tone characterized the dealings, and demand was along moderately active lines in most quarters.

Chlorine.—No further price unsettlement was uncovered during the past week, and quotations established for tanks the preceding period were maintained. Demand for sanitation purposes was expected to show a seasonal upturn soon, while commercial withdrawals were holding at fair levels.

Cobalt Oxide.—Interest in the market was confined to small quantities, and price was maintained at the $1.67 per pound level for the black material.

Copper.—A further reduction in world copper production was announced by the foreign copper cartel; effective March 1, the quota will be 95 percent of standard tonnage allotments, compared with 100 percent established on January 1. The copper restriction applies to virtually all producing countries except the United States. Quotations in the foreign market ranged from 10.05c. to 9.90c. per pound, and demand was on a moderate scale. No new developments were reported in the domestic market, with demand dull and price unchanged.

Copperas.—Conditions in the market showed little change. Prices were well maintained, and demand was holding at relatively satisfactory levels. Stocks of material were not too large, although some improvement has been made because of improved steel operations.

Fluorspar.—Activity in this direction was slow as seasonal conditions retarded business. Quotations were generally nominal for the various grades of imported and domestic material.

Lead Nitrate.—Developments of importance were absent in the market, and business was along narrow lines. Prices were without change.

Magnesite.—While current transactions were rather limited, sellers were looking forward to some stimulation in building trade in the near future. Domestic and imported quotations were unaltered.

Molybdenum Metal Powder. — The market offered nothing new in the way of price developments. Sellers were able to point to a satisfactory volume of business from the metallurgical trade.

Nickel Salts.—A firm price tone prevailed in the market. While business has shown some recession from the levels in the earlier part of the year, sales were progressing at a comparatively good pace.

Potash Carbonate.—There was no particular broadening in business, but sellers were reporting fair size sales to

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.9	**146.9**	**147.2**	**153.6**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

TURNER

LIQUID CAUSTIC SODA

TANK TRUCKS—DRUMS

Local delivery tank truck service throughout the Metropolitan New York area.

JOSEPH TURNER & COMPANY

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SAL SODA (Carbonate of Soda Crystals)

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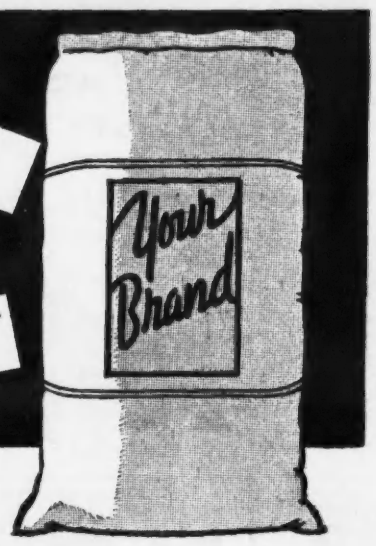

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Chemicals, pigments or any product that requires sift-proof and moisture-proof containers should be packed in Fulton water-proof, paper-lined bags.

The special processing of burlap and cotton goods with paper, cementing the two with various waterproof adhesives such as asphalt, glue and latex, provides a bag that is strong, sift-proof and moisture-proof.

These bags are *much cheaper* than metal drums or barrels—they are easier to handle and to store.

Fulton water-proof, paper-lined bags are available for prompt delivery from St. Louis to the West and Middle West, and from Atlanta to the East.

Write for prices and full information.

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COPPER SULPHATE

IRVINGTON SMELTING & REFINING WORKS

IRVINGTON NEW JERSEY

NEW YORK OFFICE · 30 CHURCH ST.

most major consuming channels. Prices were without change.

Potash, Caustic.—Dealings in the market were on a routine basis, interest in the market was at moderate levels in most instances. Quotations ruled unchanged.

Potash Chlorate.—Little of importance was reported in the market, and usual consumers provided the call for necessary quantities. Pricewise, a steady tone prevailed.

Saltcake.—Withdrawals against contracts provided the bulk of the business, and shipments were moving principally to the Kraft paper trade in moderate volume. Operations in the paper industry were holding steady.

Saltpeter.—There was no feature to the market as far as prices were concerned, and scheduled quotations were well maintained. Demand was little better than routine throughout the past week.

Soda Ash.—Basic consuming industries were following a moderate purchasing policy for the most part, and withdrawals against contracts provided most of the business. Price schedule was without change. Surveys made by the two Japanese soda industrial associations, indicate that the 1939 demand in Japan for soda ash will be 275,000 metric tons.

Soda Bicarbonate.—Major consumers exerted a steady interest in the market, and shipments against contracts were on a satisfactory basis. Prices ruled unchanged.

Soda Bisulphite.—Quotations for the powdered and solution material were steady. There was little disposition on the part of consumers to place commitments beyond nearby production requirements.

Soda Caustic.—Conditions in the market followed the pattern prevailing for some weeks, namely, one of making only necessary withdrawals against contracts previously entered into. Japan's requirements of caustic soda were estimated at 460,000 metric tons for the coming year, according to surveys made by Japanese soda industrial associations.

Soda Cyanide.—Demand was moderate, and activity was not quite as good as earlier in the year, but considerably ahead of the same time a year ago. A steady to firm price tone predominated.

Soda Phosphate.—Trading was fair for most grades of material, although consumers were not extending themselves beyond nearby needs. Price schedules continued unaltered.

Soda Pyrophosphate.—A steady price tone was evident in the market throughout the past week. Sellers were reporting satisfactory business from important consuming interests.

Soda Silicate.—Shipments were moving at a moderately active pace in most directions. The paper box trade among other consumers were representative buyers. Prices underwent no change.

Soda Silicofluoride.—While competition between the domestic and imported material remained keen, no new developments were uncovered relative to prices. Interest in the market was only fair.

Soda Stannate. — Quotations were maintained at the 30c. to 33c. per pound level established the preceding period. Demand was fairly steady, but volume receded somewhat from previous weeks.

Sulphur, Refined.—Various grades of refined material were taken in moderate volume by most basic consuming industries, the rubber trade was mentioned as showing a steady interest. Sellers were adhering to quotations previously in force.

Tin Salts.—Prices for various tin derivatives were unchanged. The tone of the market was steadier, reflecting the better tone in the Straits metal market; however, the basic metal failed to improve sufficiently to change quotations. Straits metal was quoted at 45.40c. per pound.

Zinc Carbonate.—The market lacked any particular developments, and withdrawals were along routine lines for the most part. There was nothing new to divulge in the prices.

Acids

Dealings in the market for mineral acids were generally routine. Consumers were making only necessary withdrawals against contracts. The outlook for most basic consuming industries remained favorable, and sellers were anticipating some broadening in the demand in the near future. Price schedules continued unchanged. Chromic and oxalic remained firm. No new developments took place in acetic and formic. Dealings in lactic, muriatic and nitric were only fair. Sulphuric experienced another uneventful period.

Acetic.—The market displayed little change last week. Demand was spotty, and price schedules were without alteration.

Chromic.—A firm tone continued to predominate in this direction, and business was fairly steady for moderate quantities last week.

Formic. — A moderate interest was manifest in the market by major consuming interests throughout the past week. Pricewise nothing new developed.

Lactic.—Dealings were little better than routine, and commitments were held close to production requirements. Prices were unchanged.

Muriatic. — Shipments were moving against contracts at a steady pace, although little forward buying was uncovered. No change developed in the price schedule.

Nitric.—Interest in the market was only fair, and consumers made their appearance when needs became urgent. Quotations ruled unchanged.

Oxalic.—Demand was somewhat irregular, although some consumers made commitments in satisfactory manner. A steady to firm price tone governed the transactions.

Sulphuric. — The market moved through another uneventful period. Demand was principally made up of withdrawals against contracts, and consumers were not making commitments beyond nearby needs. Favorable outlook in some basic consuming industries such as steel and textile bolstered sentiment, and sellers were looking forward to some expansion in the demand shortly. The market lacked any significant price developments, and schedules were without alteration.

BALTIMORE, Feb. 23.—The dullness in the market for sulphuric acid remains unbroken, and with the consuming industries as inactive as they have been for some time, there is little prospect that needs supplementary to those already provided for by the contracts placed during last December will be developed. On the other hand there is a possibility that the orders then placed did not allow for so large a consumption as would have claimed attention under more encouraging conditions, so that there is a chance that with an industrial revival, any deficiency now prevalent may be made up. Quotations nominally held at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. The figure named on oleum is also unchanged at $17 per ton for 20 percent stocks.

Insecticides

With the active season for consumption just ahead, sellers were rounding out preliminary preparations for this season's requirements. Aside from this development, nothing of importance occurred in the market for various agricultural insecticides and fungicides last week. Price schedules for this year were already announced in practically all materials at the same levels.

The Argentine Ministry of Agriculture has announced that the vegetable fumigation plant, authorized by a presidential decree dated December 9, 1936, and installed under the direction of the Ministry of Public Works, has been completed.

Calcium Arsenate.—Seasonally quiet conditions prevailed in the domestic market, and the week was devoid of any important developments.

Lead Arsenate.—The market continued to mark time, with most preliminary preparations completed for the active consuming season just ahead.

Lime Sulphur.—Nothing of importance took place in the market for the dry and solution materials, and trade was still awaiting issuance of the price schedule for the former material.

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TETRA SODIUM PYROPHOSPHATE
Made by an improved manufacturing technique in Victor's new plant . . . the largest of its kind in existence
Designed to meet the large scale demand for a product of uniformly high quality.
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TRIANGLE BRAND
The Standard for 50 Years
99% Pure
In large or small crystals or pulverized, packed in 100 lb. waterproof bags and in new clean barrels of 450 lbs. net.
MONOHYDRATED
(*Full 35% Metallic Copper Content*)
Now packed in refillable, removable top drums
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COPPER OXIDE (Red)
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POTASSIUM METABISULPHITE
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THE AMERICAN MANUFACTURER OF
POROUS BARIUM OXIDE (Monoxide)
BARIUM AND CHEMICALS, Inc., Dept. A, Willoughby, Ohio
Successors to The J. H. R. Products Co.

SULPHURIC ACID
60° 66° 98%
Tank Cars—Carboys
Prompt Shipments
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ROYSTER CHEMICAL WORKS
TOLEDO, OHIO
Division of
F. S ROYSTER GUANO CO.
NORFOLK, VA.

Obituaries

Elmer H. Hessler

Elmer H. Hessler, president of G. S. Stoddard & Co., pharmaceutical manufacturer, this city, died February 19 in his home in Bayside, Long Island. He was forty-eight years old.

Mr. Hessler was born in Sellersville, Pa., the son of Louis S. and Abigail (Hunsberger) Hessler. He went to work in a retail drug store after attending school in his native town, and was graduated with the degree of doctor of pharmacy from the Philadelphia College of Pharmacy in 1912, being honor man of his class. He served on that college's faculty for two years when he entered the employ of D. L. Witmer & Bro., Philadelphia. The next year he was associated with Hance Brothers & White and from 1917 through 1920 with Robert McNeil, pharmaceutical manufacturer, that city. January 1, 1921, he became treasurer and general manager of G. S. Stoddard & Co., and was made its president in 1936.

Elmer H. Hessler

Mr. Hessler was a member of the American Pharmaceutical Association and at one time secretary of its Philadelphia branch; of the American Pharmaceutical Manufacturers Association, in which he served on several committees; and of the Philadelphia College of Pharmacy, being vice-president of its alumni association. He was a member of the vestry of All Saints Episcopal Church, Bayside, and active also in Masonic circles, being a past master of Bayside lodge, and a member of Unity chapter and Trinity commandery. He was a member of the Pennsylvania Society, the Pennsylvania German Society, the National Geographic Society, and of the Drug and Chemical, Sales Executives, Pharmaceutical Advertising Directors, Bayside Yacht, and Salisbury Golf clubs.

Mr. Hessler and Miss Elizabeth McLanahan were married November 4, 1915, in Greencastle, Pa. Mrs. Hessler survives her husband, with their two sons, Ormond McL. and Robert L. His father and a brother also survive.

Martin Henry Mosier

Martin Henry Mosier, long prominent in the California oil industry, died in his home in Los Angeles February 13 following a prolonged illness. He was eighty-three years of age. A native of Punxsutawney, Pa., he moved to southern California in 1910 to begin operations in the Brea-Olinda area, after having worked in oil fields in Tulsa, Okla., where, in 1905, he was credited with drilling the second oil well in that area. Surviving are his wife, two sons and a daughter.

Felix D. Fuller, Jr., vice-president of the Philadelphia Coca-Cola Bottling Company, died in Atlanta, Ga., February 16, while attending a company convention. He was fifty-seven years of age. Surviving are his wife, a daughter and a son.

Kenneth Paul Murray, chemist for the Ethyl Gasoline Corporation, Yonkers, N. Y., and former chemistry instructor at Manhattan College, died February 19 in a hospital in Mount Vernon. He was twenty-six years of age. His wife survives.

—Continued on page 44

Baltimore Paint Club Discusses Spring Drive

The Baltimore Paint, Varnish and Lacquer Association held its regular meeting February 17 in the Hotel Belvedere. A discussion of the possibilities of a Spring paint compaign occupied much of the meeting. The question of the method under which the Spring compaign will be conducted was finally referred to a special committee, which is to survey the field and report to the executive committee for final action. This committee is composed of Milton D. Swartz, president of the association; C. Burch Othey, H. Braith Davis, Leon S. Hanline, E. A. Constam, Lloyd E. Stegner and A. L. Franklin. The club donated $500 to the Baltimore Paint Salesmen's Club in appreciation of the efforts of the sales fraternity in general in building the businesses of the association members.

Glue and Gelatin Output Increased in 1937

Manufacturers of glue and gelatin reported the number of wage earners employed in this industry in 1937 was 3,547, as compared with 3,253 for 1935, and wages paid in 1937 amounted to $4,565,134, against $3,534,418 for 1935. The value of the products of the industry for 1937, $40,649,934, exceeded the 1935 figure, $28,161,033, by 44.3 percent, according to the Bureau of Census. Products, by kind, quantity and value in 1937 and 1935, follow:—

	1937.	1935.
Glue and gelatin industry, all products, total value*	$40,649,934	$28,161,033
Glue and gelatin, val.	$34,315,752	$22,155,971
Other products (not classified in this industry), value	$6,334,182	$6,005,062
Glue and gelatin made as secondary products in other industries, value	$7,385,500	$3,288,529
Glue—		
Animal—		
Pounds	127,842,264	90,283,081
Value	$17,789,697	$9,215,364
Vegetable—		
Pounds	229,995,918	126,792,581
Value	$8,621,874	$5,204,473
Casein—		
Pounds	7,982,056	5,873,943
Value	$1,072,395	$668,282
Flexible and fish†—		
Pounds	15,873,966	13,790,191
Value	$2,411,581	$2,157,673
Kind and quantity not reported, value	$660,258	‡
Gelatin—		
Total pounds	29,493,928	23,830,325
Total value	$11,145,447	$8,198,708
Edible—		
Pounds	22,020,617	23,830,325
Value	$7,789,419	$8,198,708
Inedible and photographic†—		
Pounds	7,473,311	
Value	$3,356,028	

* Includes an indeterminate amount of duplication due to the use of animal and vegetable glue in the manufacture of flexible glue.

† Figures combined to avoid disclosing approximations of the output of individual manufacturers.

‡ No data.

Medicinal and toiletry manufacturers in Nicaragua have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American manufacturers at 10 cents a copy.

Louisville Production Club Hears About Iron Oxides

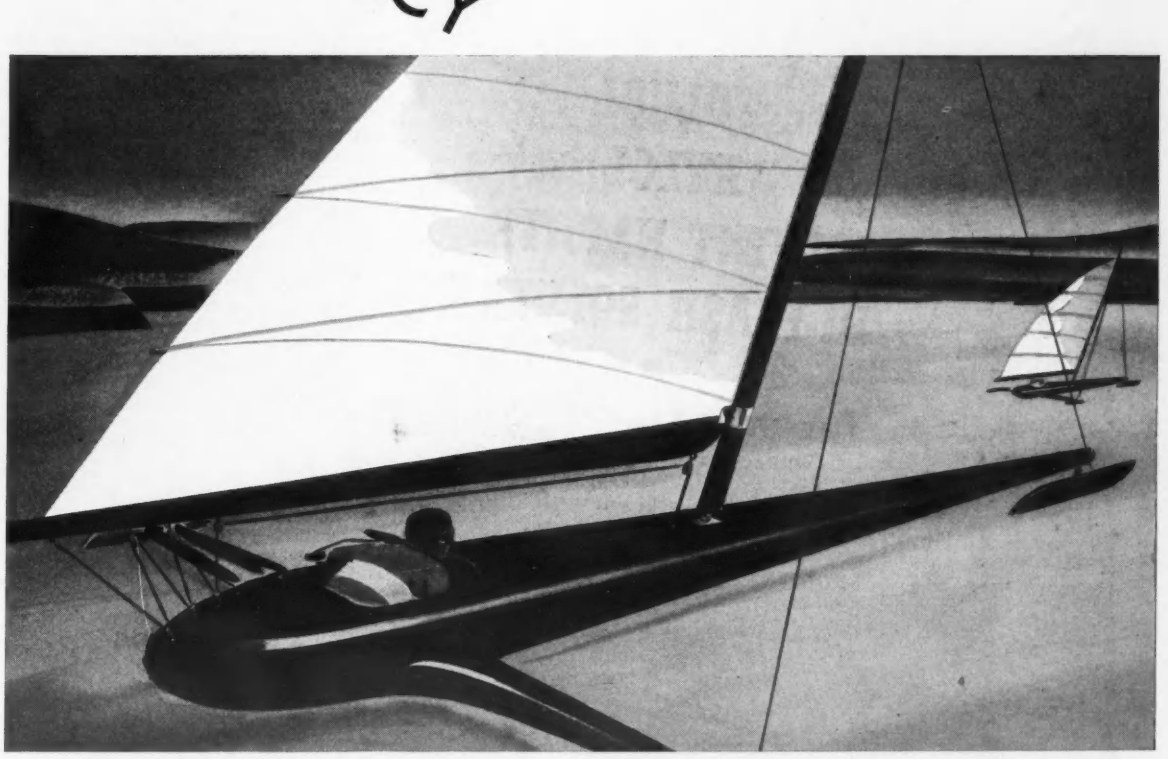
Louisville, Ky., Feb. 21, 1939

The Louisville Paint, Varnish and Lacquer Production Club held its monthly meeting February 16, in the Brown hotel, with forty-eight members and guests attending. Ben Rabin in reporting for the technical committee explained its work in correlating kauri reduction with resin content where various types of resin were used for several oils. With regard to cost accounting, A. E. Stauderman outlined the federation project for study of loss factors which will be apportioned to the clubs for investigation of various details.

Joseph Ayers, as representative of the George S. Mepham Company explained the properties of the various iron oxide pigments, using diagrams and lantern slides to illustrate various features. The effect of surface treatment on tint and mass color was shown by panels, while the effect on gloss was demonstrated on a gloss meter developed by his laboratory. The importance of particle size and wetting features was stressed, and the manner of its application in their development work outlined.

Chilean soda nitrate sales totaled 1,578,108 metric tons in the year ended June 30, 1938, compared with 1,561,536 metric tons in 1936-37, according to the Chilean Nitrate Sales Corporation, this city.

ACCURACY



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Modern processing equipment operated under the vigilance of experienced personnel assures constant accuracy every step of the way.

Diamond products—because of their uniform composition—enable you to maintain a perfect balance in your operations . . . day in and day out, year in and year out.

Diamond's strategic plant location at Painesville, Ohio—plus their nation-wide warehouse stocks carried by reputable distributors,—plus an alert traffic service—assure dependable, speedy shipments when, as and where you want them.

DIAMOND PRODUCTS: 58% Soda Ash . . . Bicarbonate of Soda . . . 76% Caustic Soda . . . Modified Soda . . . Liquid Chlorine . . . Carbon Tetrachloride . . . Special Alkalies

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Coaltar Chemicals

General Demand Highly Irregular—Pyridin Continues Firm —Phenol Moderately Active—Cresylic Acid Spotty—Coaltar Colors, Acids and Intermediates Steady

Business in the market for coaltar chemicals displayed more irregularity last week, and demand was not quite as active. The heavier replacement buying noted earlier in the year was subsiding to some extent. This was particularly true in certain crude materials and intermediates. The market went through another period of no price changes, and quotations were maintained at steady levels in most instances.

Pyridin remained one of the firmest spots in the market. While the market underwent no further price adjustment, since quotations were advanced the latter part of last year, sellers were having difficulty providing the demand. Other coaltar chemicals, particularly solvents, were in a favorable position as far as stocks were concerned, and sellers were better able to supply consumers' requirements promptly. There was less inquiry for benzol, toluol and xylol for export than previously, while domestic demands showed no tangible signs of expanding. Phenol was taken in moderate volume by most consuming interests, the synthetic resin and plastic industry still was a dominant factor. Business in creosote oil was principally confined to withdrawals against contracts previously made, and shipments were only fair. Some grades of cresol remained fairly active. Dealings in cresylic acid were spotty; no new developments occurred in the imported product. The market for naphthalene was chiefly concerned with the preparations for the seasonal movement in the refined material. Imported crude naphthalene underwent no price change, and business was of negligible character. There was some slackening in the general demand for intermediates, February business was reported below January levels in most quarters. Coaltar acids remained firm. Character of business in coaltar colors was little changed, with demand fairly steady for modest quantities.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.6	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Interest in the market was steady, but major consumers were not extending commitments beyond nearby production requirements. Quotations were well maintained, and a steady to firm tone governed the transactions. Operations in the steel industry were scheduled at 53.7 percent of capacity, compared with 54.8 percent in the preceding week and 30.4 percent in the same period a year ago. Although production of benzol was running well ahead of a year ago, demand has shown improvement and, consequently, stocks were not too heavy. Inquiry from abroad has tapered off somewhat in recent weeks. Imports of benzol into Cuba during the fourth quarter of 1938 totaled 109,354 kilograms, against 109,148 kilograms in the corresponding quarter of 1937, but registered a sharp decline from the third quarter of 1938 when shipments aggregated 140,015 kilograms, according to the American commercial attache in Habana.

Coaltar.—Movement of crude and refined coaltar was chiefly concerned with movement against contracts already entered into, and shipments were described as only fair. Prices ruled unchanged.

Creosote Oil.—Withdrawals against contracts were only fair last week. Uncertainty in railroad and utility circles have limited commitments to some extent, however, warmer weather was expected to give the market a seasonal expansion. Quotations were without change.

Cresol.—Demand was generally moderate, however, material entering the synthetic resin industry received the most attention last week. Pricewise no new developments took place, and a steady tone governed the dealings.

Cresylic Acid.—Business remained spotty throughout the week. Some grades were receiving comparatively good support, while others were only in fair demand. Domestic quotations were without change. The imported material offered little in the way of new developments, and prices were about in line with those previously prevailing.

Naphthalene.—With the heavy consuming period for the refined material near at hand, producers were making preparations to replenish jobbers for the coming season. Demand for crude material was only fair. Quotations ruled unchanged. Transactions in the foreign material were negligible, and quotations held around the $1.50 per 100 pound level.

Phenol.—Volume of business continued at a favorable level during the past week. The call was well diversified, but the synthetic resin and plastic industry remained dominant factors. Prices ruled steady to firm.

Toluol.—Shipments for the account of the surface coating trade were showing stability, and sellers were able to report a moderate volume of business. Prices were well maintained.

Xylol.—The market was moderately active, with consumers displaying interest for quantities commensurate with nearby requirements. Quotations ruled firm.

Chicago Coaltar Bases

Supplies of various grades of coaltar bases are increased to such an extent with the currently expanded rates of steel industry operations that there is no question of availability of material, of most grades. There is plenty of benzol for current needs, both motor and industrial grades. Toluol is moving fairly well. Xylol business seems fairly good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—Nothing of particular interest took place in the market, and transactions in the refined and technical material were strictly routine. Prices ruled firm.

Benzoic.—Volume of business for the technical grade was only fair, with consumers holding withdrawals close to production requirements. No change occurred in the quotations.

Fumaric.—Quotations ruled firm, and dealings were without feature throughout the past week.

Laurent's.—Business was quiet in this direction last week. Prices were well maintained at levels previously in force.

Maleic.—A firm tone governed the transactions in the market. Shipments were moving against contracts at a moderately active pace.

Sulphanilic.—Demand was moderate in most directions for the technical material. Pricewise no change was recorded and a steady to firm tone governed the dealings.

Other Intermediates

Alphanaphthol. — Consumers were making their appearance for modest quantities to take care of nearby requirements again last week. No change occurred in the quotations.

Anilin Oil. — Quotations remained firm in the market. Business was maintained at moderately active levels in most instances last week.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Anthraquinone.—Little of importance developed in the market, and trading was of a routine character. Prices ruled unchanged.

Betanaphthol.—Demand was only fair in the technical grade, and consumers were placing orders for urgent requirements only. Quotations were in conformity with the preceding period.

Dimethylaniline.—There was nothing of interest to report pricewise, and quotations previously established were well maintained. Demand was along fair lines.

Dinitrochlorobenzene.—Quotations remained steady to firm, while consumers were displaying interest for current production requirements at this time.

Dinitrotoluene. — Sellers report no particular broadening in activity, and business was described as only moderate at the best. Quotations were without alteration.

Nitrobenzene.—Activity in the market was spotty throughout the past week. Quotations were well maintained at previous levels.

Orthotoluidine.—There was comparatively little feature to the trading in this direction, and commitments were usually limited to current requirements.

Paratoluidine.—Dealings were of a routine character during the period under review. The market underwent no price change.

Phthalic Anhydride.—Business continued to show favorable comparisons with the same time a year ago, however, some leveling off was discernible from the higher levels of the preceding month.

Toluidin Mixed.—Usual consumers were making their appearance for moderate quantities. uotations were without alteration.

Xylidin. — Nothing of importance transpired in the market, and commitments were held to modest quantities. Prices ruled unchanged.

Coaltar Colors

The character of business in the market for coaltar colors, dyes and stains underwent little change last week, sellers reported a fairly persistent interest in the market for moderate quantities. The more satisfactory operations in major consuming lines, particulary the textile and leather industries, provided the market with a much better volume than the same period a year ago. The market lacked any feature as far as prices were concerned, and quotations established previously were well sustained.

Foreign Trade Council Names N.Y. for 1939 Meeting

The National Foreign Trade Council will hold its 1939 annual convention in this city some time in October. Being one of the sponsors of the World Trade Center at the New York World Fair was the factor influencing the directorate of the council to return the annual meeting to this city for the second consecutive year.

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PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.
CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.
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Thompson Calls For 'American Action'

In a page advertisement February 19 in a local newspaper, C. T. Thompson, president of the Thompson-Hayward Chemical Company, Kansas City, "Calling all Americans," appeals for an observance of Washington's birthday with a united demand for "leadership that will dare assert that hardship, suffering and occasional abuses are to be preferred to security, ease and comfort attained at a sacrifice of those individual rights for which the Father of His Country and the founders of American liberty were prepared to give their all."

Mr. Thompson declares that his appeal "is not a protest against the New Deal or Mr. Roosevelt or any political party," but against "conditions and propagated ideas" which provoke both the leadership and the program "that business largely find objectionable." He postulates that "the true American citizen does not want economic security at the expense of free enterprise . . . material well-being and comfort when it means the loss of personal liberty . . . grants, largess and public improvements that mean the confiscation of private assets . . . food, housing, and clothing provided by Federal, State, or local government unless the individual contributes to obtaining these by his own honest efforts . . . unionized control if accompanied by the deadly caste system that forever seals him into a laboring level . . . government bureaucracy acting in his behalf to protect him from his own weaknesses."

Tire Firms Sued On Identical Bidding

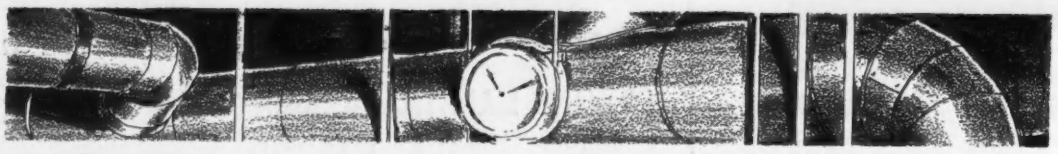
—Continued from page 3

to the penny were submitted on eighty-two different sizes of tires. On the first two occasions, the procurement division accepted the bids, the second set being higher than the first. On the third occasion the bids were rejected, on the advice of the Attorney-General, on the ground that they were prima facie evidence of a combination in restraint of trade. New bids were asked, but these also were identical. Thereupon, October 1, 1937, the division negotiated a contract with Sears, Roebuck & Co., to obtain tires at prices substantially lower than the identical bids.

At the next semiannual bidding, the tire companies named as defendants in the suit submitted bids which were not identical and which were substantially lower than the prices paid to Sears, Roebuck & Co. or bid by the defendants during the previous two years. During this period, the department alleges, there had been no changes in the retail prices of tires to the general public. The government charges that this is evidence of a conspiracy to fix the price, and that it was injured to the extent of the difference between the prices it paid for tires on the April 1, 1938, contracts and the higher prices it paid during the three preceding six-month periods.

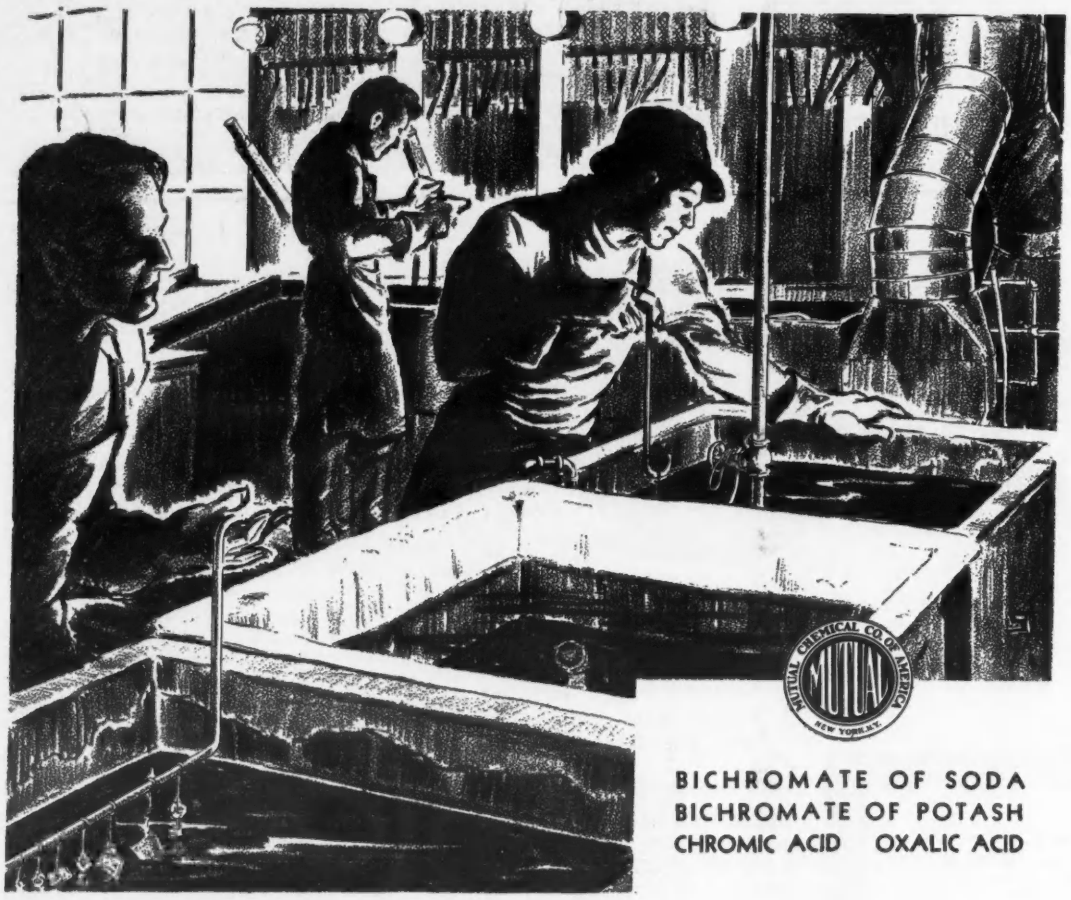
Rosin Takes Class Rates

Albany, February 21, 1939, the New York Public Service Commission has approved cancellation by the New York Central of commodity rates on rosin, carload, from New York city stations to certain stations on the Mohawk, St. Lawrence and Adirondack divisions, and has approved their advance to class rates.



Chromium Chemicals

FOR THE PLATING INDUSTRY



BICHROMATE OF SODA
BICHROMATE OF POTASH
CHROMIC ACID OXALIC ACID

CHROMIUM plating is, to the layman, probably the most striking use of a chromium chemical. All chromium plate is deposited from a solution of Chromic Acid. This solution, when electrolysed, yields only pure metallic chromium and oxygen which passes off as a gas.

While electro-plating with Chromic Acid is a comparatively recent development, its industrial advance has been rapid and it is now of primary importance in the plating field. Automobile manufacturers were among the first to realize the advantages which chromium plate offers as a hard, tarnish-proof, corrosion-resistant finish for metals. More recently "hard chromium plating" has found an important application in the manufacture of machine tools, gauges and other similar parts which are subjected to constant wear. Here chromium plating furnishes a surface much harder than the steel which it covers. Plating also enables the machinist to replace worn surfaces by the deposition of chromium to the exact thickness required, measured in thousandths of an inch.

Experienced platers know that Mutual Chromic Acid can be relied upon for purity and uniformity.

Mutual Bichromates

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Trade Briefs

Electro Bleaching Gas Company, this city, is distributing a reference book on liquid chlorine.

Soap imports into Canada amounted to $585,773, in 1937 of which the United States share totaled $364,503.

Chemical Sales Corporation, Buffalo, N. Y., will move its New York branch office to the Empire State building March 1.

Hazel-Atlas Glass Company has resumed operations at its Blackwell, Okla., plant after a shutdown of more than two years.

Mathieson Alkali Works directorate will meet on the third Wednesday of each month instead of the fourth Wednesday.

American Smelting & Refining Company has announced that early in 1939 its bank loans, amounting to $2,705,000, were paid off.

Knox Chemical Company has filed articles of incorporation under the laws of Delaware with capital of 25,000 no par value shares.

Butte Copper & Zinc Company stockholders will vote March 15 on a proposal to reduce the directorate from nine to seven members.

R. & H. Chemicals department of E. I. du Pont de Nemours & Co., Wilmington, is distributing new and revised literature on electroplating.

Chase Bag Company has completed construction of its fourteenth branch factory which will be in operation this Spring in Portland, Ore.

E. F. Roesch, general manager of the Hook Drug Company, Indianapolis, has been appointed to the board of the Associated Chain Drug Stores.

Saltcake production in Canada amounted to 79,884 tons in 1937 valued at $618,028, compared with 75,598 tons valued at $552,681 in 1936.

Charles P. Gulick, chairman of the board of the National Oil Products Company, Harrison, N. J., has been named vice-president of the West Hudson Manufacturers' Club.

Joseph Friedmann, of the R. & H. chemical division of E. I. duPont de Nemours & Co., this city, was married to Miss Etty Hulm on February 4. The couple is residing in St. Albans, L. I.

Dr. Homer Adkins, professor of organic chemistry at the University of Wisconsin, talked on "Catalysis" at a meeting of the Maryland section of the American Chemical Society February 16.

Continental Can Company, this city, stockholders will vote March 28 on a retirement annuity plan, available to employees receiving $3,000 annual compensation or more and having at least one year's service.

International Salt Company has sold to four insurance companies, under date of January 10, 1939, at par and accrued interest, $3,800,000 of its twelve-year sinking fund 3¼ percent debentures, due January 1, 1951.

Celotex Corporation, in a listing application to the New York Stock Exchange, disclosed that negotiations were underway with Hugo Kaufmann & Company's Bank, N. V., Amsterdam, and with others in foreign countries looking toward the sale of 100,000 shares of common stock at not less than $15 a share. Proceeds will be used to discharge two bank loans.

Materials Preparedness Hearings Set by House

—Continued from page 3

pliers, provided prices are not more than 25 percent in excess of prices of imported materials.

The Thomas bill does not name the commodities to be purchased, but would cover any materials determined by the Army and Navy Munitions Board to be strategic or critical. It would authorize an appropriation of $25,000,000 annually during the next four fiscal years for purchase of such minerals, and would provide that the materials be kept in storage except in case of war or national emergency, except that materials subject to deterioration should be used and replaced as needed. The bill would also authorize the Bureau of Mines and Geological Survey to conduct studies looking to the discovery and development of sources of strategic and critical materials within the United States and its possessions.

Dyestuffs, Textile and Leather Chemicals

Demand Shows Improvement in Spots with Price Tone Steadier —Tanning Materials Moving Better—Valonia Cups Lower—Egg Products Remain Steady—Bichromates Firm

A steadier price tone ruled in the market for dyestuffs, textile and leather chemicals last week. The character of business showed improvement in spots, tanning materials, egg products and bichromates were mentioned as moving slightly better. Dealings in natural dyestuffs were routine, while withdrawals of corn derivatives were spotty. The only price change occurred in valonia cups, which registered a modest decline.

The improvement reported in tanning material recently carried through during the past week. Tanners, who have been holding off making purchases of hides, were forced to come in the market to cover requirements. Improvement in shoe manufacturing also was a contributing factor. Quebracho extract and myrobalans were mentioned as moving in better volume. Gambier common remained nominal. Egg albumen and yolk were steadier and sellers report a slightly improved interest at the lower prices. Corn starch and dextrin were spotty; quotations were fully maintained, however, reflecting the steadier tone in the raw commodity. Demand for potash and soda bichromates held up well, with the leather and textile trade well represented. Demand for prussiates was only fair. Zinc dust was firm. Dealings in natural dyestuff continued along routine lines.

Cotton spinning industry operated during January at 85.7 percent of capacity, on an eighty-four-hour two-shift basis, compared with 83.6 percent in December, last, and 63.5 percent during January last year, according to the Census Bureau. There were 25,910,552 cotton spinning spindles in place in the United States on January 31, last, of which 22,440,278 were in operation at some time during the month, compared with 22,444,784 in December, and 22,325,472 in January, 1938.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Valonia, cups, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
145.3	145.3	147.0	154.5

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate. — While demand showed no particular signs of broadening, transactions were held at moderately active levels last week. Quotations were unchanged.

Alumina Chloride.— Dealings were along routine lines for the most part throughout the past week. Pricewise a steady to firm tone characterized the dealings.

Antimony Salts.—Interest in the market was principally concerned with small quantities. The market underwent no change in price.

Potash Bichromate.—Shipments were moving at a moderate pace in most directions, with the leather and textile trade the most representative buyers. Prices ruled steady to firm.

Potash Prussiate.—Quotations for the red and yellow material were without change. Business was only fair throughout the period just ended.

Soda Bichromate. — Dealings in the market were holding steady, and most quarters report satisfactory volume of business from principal consuming interests. Prices ruled firm.

Soda Prussiate. — While demand remained spotty, sellers report a fair amount of business from some large consumers. Pricewise no new developments took place.

Zinc Dust.—Quotations were without alteration, and a firm tone predominated, reflecting the steadiness in the basic metal. Dealings were along modest lines for the most part last week.

Dyestuffs

Annatto. — Transactions in the seed and paste material were on a hand-to-mouth basis. Prices were fully maintained. During the first nine months of 1938, Jamaica exported 824,989 pounds of annatto seed valued at £9,319, according to official statistics. As in previous years exports during 1938 went largely to the United States, Denmark, the Netherlands, Germany and the United Kingdom, according to the American consulate general in Kingston.

Archil.—A firm price tone characterized transactions in the market. Consumers were making their appearance for nearby requirements.

Cochineal: — The market received steady support for moderate quantities throughout the past week. No change occurred in the quotations.

Fustic.—The leather and textile trade came in the market for quantities commensurate with current production requirements. Quotations were without change.

Hypernic. — Interest in the market was only fair, and consumers were content to order when needs became urgent. Quotations ruled unchanged.

Logwood.—Volume of business was maintained at comparatively good levels, reflecting better operations in some important consuming lines. Prices were without alteration.

Sizing Materials

Albumen, Blood.—A steady to firm price tone predominated, and quotations for the domestic and imported grades were well maintained. A satisfactory amount of business was reported for the account of the textile trade.

Albumen, Egg. — The market went through another period without any price changes, and quotations appeared steadier than for some weeks. Demand showed some signs of reviving at the lower quotations.

Dextrin.—Consumers were generally pursuing a moderate purchasing policy, although some improvement was noted at the lower prices established recently. Visible supplies of corn for week ended February 11 were 47,018,000 bushels, compared with 47,243,000 bushels in the preceding week and 36,200,000 bushels in the corresponding week a year ago.

Egg Yolk.—A steadier price tone prevailed in the market throughout the past week. Some consumers were reported making their appearance more readily at the lower prices.

Starch. — Quotations for various grades were maintained at former levels, and the tone of the market seemed improved. Sellers point to a spotty demand throughout the past week.

Tanning Materials

Cutch, Philippine.—A firm price tone remained in evidence and sellers report a moderately active interest in the market.

Gambier.—The situation in the market showed little change, common material was still on a nominal basis, while no change was recorded for the Singapore cubes and plantation material.

Mangrove Bark.—Price remained firm at $23.25 per ton. Consumers were making their appearance more consistently than previously.

Myrobalans.—A generally steady price tone prevailed for various grades of material. Business showed some slight improvement during the past week.

Quebracho.—Shipments against contracts were showing some stimulation compared with the previous month, and a steady to firm price tone governed the dealings.

Sumac.—Quotations for the ground and leaf were unaltered. Business was fairly steady last week.

Valonia.—Price for the cups was lowered $1 to $31 per ton; beards were unchanged at $47 per ton. Business was along steadier lines during the past week.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Fotiades Sells Oil Leases

Harry Fotiades has sold a portion of his holdings in Lison, Jennings and New Iberia producing leases to the Lison-Iberia Oil Corporation. The purchase price was announced "as well over $1,000,000." Daily production of approximately 2,500 barrels was reported on the properties transferred in the sale. Mr. Fotiades is a former Lake Charles, La., oil dealer, who went into the oil business about five years ago.

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Crotonaldehyde
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BENZYL CHLORIDE
Refined and Technical Grades
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50 UNION SQUARE, NEW YORK, N. Y.
CHICAGO BRANCH: 180 N. WACKER DR.
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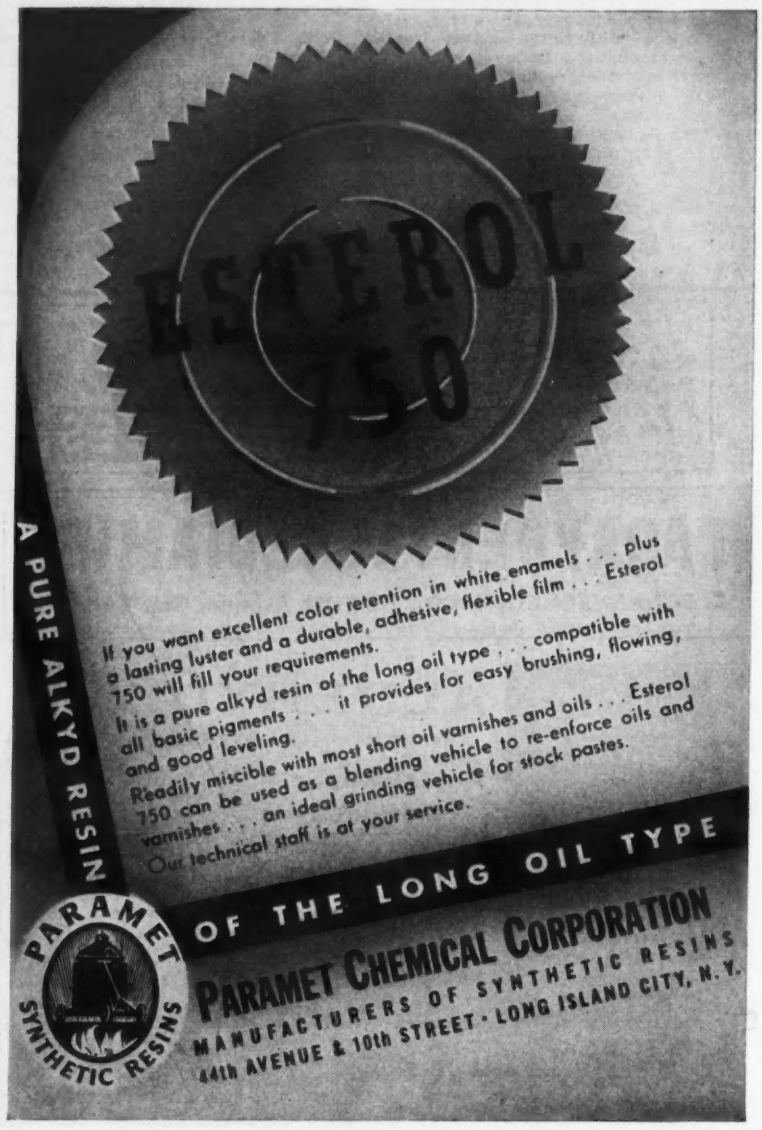
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A PURE ALKYD RESIN
If you want excellent color retention in white enamels . . . plus a lasting luster and a durable, adhesive, flexible film . . . Esterol 750 will fill your requirements.
It is a pure alkyd resin of the long oil type . . . compatible with all basic pigments . . . it provides for easy brushing, flowing, and good leveling.
Readily miscible with most short oil varnishes and oils . . . Esterol 750 can be used as a blending vehicle to re-enforce oils and varnishes . . . an ideal grinding vehicle for stock pastes.
Our technical staff is at your service.
OF THE LONG OIL TYPE
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Paint, Varnish, Lacquer Materials

Market Quiet but Still Healthy—Some Grades of Varnish Gums Reduced—White Lead-in-Oil Advanced—Casein Still Lags —Naval Stores More Active

Comparative quiet prevailed in the market following a month of brisk trading. Producers of raw paint materials continued to show satisfaction, however, as demand and inquiries both held well.

The price schedule of white lead-in-oil will be advanced today. Except for a downward revision of several varnish gum grades, all other prices remained at the levels of the previous week. Producers of dry colors and pigments continued to report the market as satisfactory although no noteworthy gains were registered last week. The healthiest material in the market was glue. All glue producers were confident that sales

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, white, in oil, ½c. per lb.
Rosin, gum, medium grades, 5c. to 25c. per 280 lbs.

Reduced

Gum, copal, Singapore, Rasak pale chips, ⅜c. per lb.
Manila, Loba B, ½c. per lb.
C, ⅝c. per lb.
D, 1c. per lb.
DK, ⅜c. per lb.
Turpentine, gum, ¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	131.7	131.1	131.6

Market news that may have developed after this report was sent to press will be found on page 4.

this Spring will reach a much higher level than the corresponding period in 1938.

The New Zealand government has placed a guaranteed price for kauri gum. The minister of industries there has stated that a new process for refining gum according to standard specifications has been established and the patents for the process are held by the government. A new deposit of ocher with only a small percent of foreign matter was discovered in Estonia. The deposit is estimated at 400 tons and production is expected to start there next year. Production of casein in Italy during the first 10 months of 1938 exceeded by 400,000 kilos the figure for the same period in 1937. Production in 1937 was given at 1,555,485 kilos. During the first 10 months of 1938, 2,100,000 kilos of casein were imported into Italy.

Rosin and turpentine were more active in Southern and local markets, the movement of moderate quantities showing an increase over the previous period. Sentiment here concerning the business outlook was more cheerful, especially as an early announcement of a favorable character was expected from Washington regarding the financial program for the coming season. Primary receipts and offerings were light.

Metallic Lead and Zinc

Sales of pig lead and slab zinc were of average proportions last week. The prices seemed firm at the quoted levels. On the London Metal Exchange the prices showed small reductions during the course of the week.

Stocks of lead in the United States at the end of last month totaled 117,214 tons against 115,902 tons on December, 1938, and 133,401 tons on January 31, 1938. Production in January totaled 41,507 tons compared with 34,683 tons last December and 39,196 tons in January, 1938. Domestic shipments amounted to 40,189 tons against 33,908 tons last December and 34,923 tons in January, 1938.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from February 18 to 24, inclusive, were as follows:—

	Pigs: Per pound, New York.	Pigs: Per pound, E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0475@.0480	$0.0460	14	5	6
Monday	.0475@.0480	.0460	14	5	0
Tuesday	.0475@.0480	.0460	14	6	3
Wednesday.	.0475@.0480	.0460	14	5	0
Thursday	.0475@.0480	.0460	14	3	9
Friday	.0475@.0480	.0460	14	2	6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from February 18 to 24, inclusive, were as follows:—

	Slabs: Per pound, New York.	Slabs: Per pound, E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0490	$0.0450	13	10	0
Monday	.0490	.0450	13	10	0
Tuesday	.0490	.0450	13	10	0
Wednesday	.0490	.0450	13	7	6
Thursday	.0490	.0450	13	7	6
Friday	.0490	.0450	13	6	3

Pigments

Conditions surrounding the market showed no noteworthy features last week. Zinc oxides continued to lead in demand and movement into consuming channels. Titaniums gained strength compared with the sluggish situation the week before.

White Lead.—Sellers today made a ½c. increase in the price of white lead-in-oil. The new price for dealers is 10¼c. per pound for 100-pound kegs. New price for painters is 11¼c. per pound, while the new consumers' price is 12¼c. per pound, both in 100-pound kegs. A fair portion of shipments continued to go into consuming channels.

Red Lead.—The price for this pigment gained strength during the week. Demand held up.

Litharge.—Inquiries continued to increase although spot business was about the same. No price changes were made.

Lithopone.—Shipments of this material fell off slightly during the past week. Pricewise the market continued firm.

Titanium Pigments.—This material held the spotlight last week as demand picked up and showed more strength than in the two previous weeks. Prices continued at the quoted levels.

Zinc Oxides.—The demand here continued to grow stronger and producers believed business this Spring will show sharp gains over last year. Prices were strong.

Fillers and Extenders

General trade conditions continued to show weakness last week. Prices at mill points for fillers and extender products remained at the quoted levels.

Graphite.—Demand continued light and unsatisfactory. Slight tendencies toward an upturn in business, noted three weeks ago, were not in evidence during the past week.

Talc.—Volume of sales was routine last week. On the whole, however, conditions in the market were improved in comparison with the corresponding period last year.

China Clay.—Small improvements in demand were reported. The price continued firm at the quoted level.

Varnish Gums

After small gains the previous week the market became spotty. Prices for Copal gums fell off in certain cases.

Copals.—Singapore Rasak pale chips were reduced ⅜c. to a new level of 5⅝c. per pound. Lower prices for Manila Loba gums were as follows:—Loba B, 9¾c. per pound, a ½c. reduction; C, 9c. per pound, a ¾c. reduction; D, reduced 1c. to 8⅜c. per pound; DK, lowered ⅜c. to 5⅝c. per pound.

Dammars.—Prices quoted in the last issue continued to be in force last week. Demand showed small gains while inquiries for future sales fell off slightly.

Synthetic Resins

Movement into consumption picked up in a small way although the market as a whole was not strong. A larger

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

volume of business expected this month had not as yet materialized. The general situation, however, was reported better than the corresponding period in 1938.

Dry Colors

English vermilion continued to hold the spotlight for the third week in a row. Although the majority of sellers failed to increase the price the quoted schedule was much stronger. Trade in other colors did not improve much during the past week but the present movement of stocks was reported satisfactory.

Carbon Black.—Inconsequential gains in demand were registered but the activity in the market was slower than hoped for. Tire manufacturers will begin heavier production next month and this will influence the black market.

Iron Blues.—The condition of the market showed no change over the preceding week. Prices remained firm.

Vermilion.—Sharp increases in price noted during the previous two weeks held strongly at the quoted level last week. Reports that some sellers had increased the price were apparently unfounded.

Naval Stores

Business in rosin and turpentine was somewhat more active in Southern and local markets last week, despite the holiday on Wednesday. The improvement was not very marked, as many consumers and dealers were still disposed to adhere to a conservative course in making purchases. An increase was noted in the volume of inquiries and orders for moderate lots of both rosin and turpentine, however, and there were also reports of some expansion in the movement into consuming channels on unfilled contracts. Export inquiries for rosin were received in some quarters from South America and Europe, takings by foreign buyers for the week being reported as fair.

In some local quarters sentiment concerning the business outlook was rather more cheerful, the better feeling being attributed to reports of increasing activity in industries in which the consumption of raw materials of various kinds is large. There was a belief, too, that some official announcement of a definite and favorable character concerning the granting of funds for production and marketing of naval stores during the coming season would be made in the near future, especially as the power of the Reconstruction Finance Corporation to grant loans has been extended to June 30, 1941.

Offerings of rosin and turpentine in primary markets continued light last week and no change in the situation in this respect is expected until the new crop operations get under way. Weather conditions last week were generally favorable, further precipitation being reported, while temperatures in some sections were considerably higher.

According to a consular report from Amsterdam, importations of turpentine into the Netherlands during 1938 showed a slight increase. Direct shipments from the United States totaled 2,986 tons, compared with 2,942 in the previous year. Total imports of rosin from the United States decreased from 6,321 tons in 1937 to 6,037 tons in 1938, chiefly because the French rosin was offered at considerably lower prices than the American product.

Turpentine.—Business in the local market was generally of the same conservative character noted in recent preceding weeks, but there was an increase in demand for small or moderate quantities from consumers and dealers who were in need of fresh supplies. An increase was also reported in the forwarding of supplies from Southern points to consumers and dealers and the prevailing tone in primary markets was firm.

SAVANNAH, Feb. 24.—A firm tone continued to prevail in the market for turpentine. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	25¾	47	7	205	43,542
Tuesday	25	52	30	...	43,572
*Wednesday	..	...	...	...	.....
Thursday	25½	31	21	110	43,483
Friday	26	26	32	27	43,538

* No trading.

JACKSONVILLE, Feb. 24.—Receipts and offerings of turpentine were light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	25	21	19	570	47,503
Tuesday	25	15	...	208	47,295
*Wednesday	..	...	...	...	.....
Thursday	25¼	22	40	...	47,543
Friday	26	8	30	7	47,566

* No trading.

PENSACOLA, Feb. 17.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	4	122	29,557
Tuesday	40	162	29,435
Wednesday	..	...	29,435
Thursday	10	82	29,363
Friday	9	...	29,372
Saturday	..	283	29,089

CHICAGO, Feb. 24.—Turpentine is moderately active and the tone of the market remains fairly steady. Ruling prices at the close of business last night were:—Five-drum lots, 32c. per gallon; five wood barrels, 37c.; single drums, 35c.; single barrels, 40c.

LONDON, Feb. 24.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	34	3
Monday	34	6
Tuesday	34	3
Wednesday	34	3
Thursday	34	3
Friday	34	3

Stocks of American turpentine in London were:—

	Feb. 24.	Previous week.	Last year.
Barrels	27,513	27,701	34,574

Rosin.—The local market was somewhat more active last week. Purchasing was still limited mainly to comparatively small or moderate lots for prompt shipment, but the movement of such quantities showed an increase over recent preceding weeks. With changes in quotations in primary centers generally narrow, the market here had a steady or firm tone. Marketing in the South was on a small scale and was expected to remain so during the next few weeks.

SAVANNAH, Feb. 24.—The rosin market had a firm tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	*Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	...	$3.50	$3.50
D	...	3.75	3.75	...	3.75	3.75
E	...	4.00	4.00	...	4.00	4.00
F	...	4.25	4.25	...	4.25	4.30
G	...	5.00	5.00	...	5.15	5.20
H	...	5.10	5.10	...	5.25	5.30
I	...	5.10	5.12½	...	5.25	5.30
K	...	5.15	5.15	...	5.30	5.40
M	...	5.20	5.20	...	5.30	5.40
N	...	5.50	5.50	...	5.50	5.50
WG	...	6.00	6.00	...	6.00	6.00
WW	...	6.65	6.65	...	6.65	6.65
X	...	6.65	6.65	...	6.65	6.65
		Barrels				
Sales	...	79	43	...	121	144
Receipts	...	97	272	...	321	323
Shipments	...	100	208	...	1,422	30
Stocks	...	301,510	301,574	...	300,473	300,763

* No trading.

JACKSONVILLE, Feb. 24.—The rosin market was firm, with offerings light. Fol-

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lowing is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	*Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	...	$3.50	$3.50
D	...	3.80	3.80	...	3.80	3.80
E	...	3.90	3.90	...	4.00	4.00
F	...	4.25	4.25	...	4.25	4.30
G	...	5.00	5.00	...	5.15	5.20
H	...	5.10	5.10	...	5.25	5.30
I	...	5.10	5.12½	...	5.25	5.30
K	...	5.15	5.15	...	5.30	5.40
M	...	5.20	5.20	...	5.30	5.40
N	...	5.50	5.50	...	5.50	5.50
WG	...	6.00	6.00	...	6.10	6.10
WW	...	6.65	6.65	...	6.65	6.65
X	...	6.65	6.65	...	6.65	6.65
	Barrels					
Sales	...	48	31	...	42	45
Receipts	...	264	310	...	247	222
Shipments	...	795	15	...	362	1,207
Stocks	...	281,189	281,484	...	281,369	280,384

* No trading.

PENSACOLA, Feb. 24.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	54	132	...	60	30	13
Shipments	937	17	285	400	200	...
Stocks	70,350	70,463	70,180	69,840	69,670	69,683

CHICAGO, Feb. 24.—Trade in rosin is along comparatively good lines. Ruling prices at the close of business last night were:—B grade, $6.55 per lot of 280 pounds; G grade, $8; M grade, $8.20; W. W. grade, $9.65.

LONDON, Feb. 24.—Quotations on American rosin were as follows:—

	Per cwt in barrels	
	Common.	W.W.
	s. d.	s. d.
Saturday	14 7½	19 3
Monday	14 7½	19 3
Tuesday	14 7½	19 3
Wednesday	14 7½	19 3
Thursday	14 7½	19 3
Friday	14 7½	19 3

Pine Oil.—The market continued to occupy a steady position. There were reports of a somewhat better inquiry though purchasing was still apparently limited as a rule to moderate quantities.

Pitch.—Quotations were generally maintained at the levels prevailing in the previous week, with the tone of the market firm. There was a fair movement to local and other consumers.

Rosin Oil.—Buyers were still generally disposed to limit their takings to moderate lots to fill current needs. Prices were steady in the absence of any material change in the primary position of basic material.

Tar.—No expansion in the movement was noted although there were reports of a somewhat better inquiry. The market retained a steady tone.

Shellac

Agents for the Calcutta shippers reported booking only a moderate amount of shellac for later shipment. Importers on spot were apparently fairly well covered ahead and hence their interest in shipment offerings last week was not substantial. Prices in Calcutta were slightly lower most of the time, and at a late hour in the week London quotations stood one shilling above the market quoted on February 17. Local quotations were reasonably steady, but the absence of virile demand tended to make sellers inclined to shade should inquiries prove attractive. It was more or less a buyers market throughout the period under review.

Calcutta, Feb. 24.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound	
	Feb. 24.	Feb. 17.
March	9⅞c.	10c.

Day-to-day quotations were as follows:—

	Per pound.
February 17	10c.
February 18	9⅞c.
February 20	9⅞c.
February 21	9⅞c.
*February 22	.....
February 23	9⅞c.
February 24	9⅞c.

* Holiday in United States.

London, Feb. 24.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	February 24		February 17	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	40½	8.83	39	8.50
May	41½	9.04	40	8.72

Day-to-day closing prices were as follows:—

	Per hundredweight	
	March.	May.
February 17	39s ..	40s ..
February 18	38s 9d	39s 9d
February 20	39s ..	39s 9d
February 21	39s 6d	40s 3d
*February 22	... ..	... ..
February 23	40s ..	41s ..
February 24	40s 6d	41s 6d

* Holiday in United States.

Lacquer Materials

While no developments of significance took place in the market for lacquer materials and solvents, sellers were able to report a moderately active interest for most chemicals. February business was making a more favorable showing than January thus far. The price concessions noted in January seemed to have disappeared so far this month, and the market retained a relatively firm price tone. Operations in the automotive industry were showing some slight recessions. Internal disorders in the United Automobile Workers' union in the Detroit area caused disruption of operations in two large automotive plants throwing 10,000 men out of work.

Acetone.—Quotations for drums and tanks were well maintained. Ship-

—Continued on page 53

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Oils, Fats, and Waxes

Cottonseed Oil and Lard Futures Irregular—Lard Compound Higher —Coconut Oil Advanced—Chinawood Firm Though Quiet—Crude Fish Oils Stronger—Stearin Up

Quotations on miscellaneous oils, fats and greases had an upward trend last week, the REPORTER'S index number showing a moderate advance for the period as compared with reductions in the two preceding weeks. This reversal of trend was mainly a reflection of recent developments in cottonseed oil and lard futures, although these commodities showed irregularity last week, an advance early in the period being followed by a setback later on. Business was rather quiet, many consumers still being disposed to adhere to a hand-to-mouth course in making purchases.

Chinawood oil was quiet owing to holidays abroad, but the tone remained firm, quotations here and on the Pacific Coast being held at recently advanced levels. Crude coconut oil was advanced owing to a rise in copra. Crude corn and peanut oils were firmer. Perilla oil was quiet but there was no increase in offerings and the market remained steady.

Cash lard prices had an upward trend in the local market at times, this being a reflection of developments in the West where futures were active at a further recovery. Marketing of live hogs was on a moderate scale. Quotations on animal oils as well as refined fish oils were steady at the reduced levels announced in the previous week. Stearin was higher.

Representative Stephen Pace of Georgia has introduced in Congress a bill (H. R. 4088) to extend the provisions of the commodity exchange act which controls future trading in various agricultural products to include trading in "fats and oils (including lard, cottonseed oil, peanut oil, cottonseed meal, cottonseed, and peanuts)".

An increase in the existing processing tax of 3 cents a pound on imported vegetable oils, to 5 cents a pound, was proposed by Senator Conally of Texas in an amendment to legislation now pending in Congress.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coconut oil, crude, ⅛c. per lb.
Copra, ¼c. per lb.
Corn oil, crude, ¼c. per lb.
Lard, 20c. to 25c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Linseed oil, 1/10c. per lb.
Menhaden oil, crude, ½c. per gal.
Peanut oil, crude, ⅛c. per lb.
Sardine oil, crude, ½c. per gal.
Stearin, oleo, ⅛c. per lb.

Reduced

Linseed cake, 50c. per ton.
Linseed meal, 50c. per ton.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
98.4	98.0	101.0	120.4

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Quieter conditions prevailed in domestic markets last week. The Chinese New Year was being celebrated abroad and fewer cables were received here. Such as came through, however, seemed to indicate a continuation of the firmness noted in the previous week. Offerings here and on the Pacific Coast remained light and quotations were generally held at around recently advanced levels. Prices here ranged from 14¾c. to 15c. per pound in tankcars.

Coconut.—Crude oil was firmer, quotations being advanced ⅛c. per pound here and on the Pacific coast. The advance was attributed to the firmness of copra which was in upward trend abroad on buying, supposedly for Europe. Offerings of oil were light. Refined oil was unchanged. Business here was slow.

SAN FRANCISCO, Feb. 21.—Crude coconut oil is strong, with sellers quoting 2¾c. to 2⅞c. per pound, prompt and future shipment, in tankcars, f.o.b. Pacific coast ports and/or mills. Copra was more active. Sales were reported early in the week at 1.70c., but later on quotations ranged from 1.725c. to 1.75c. The primary market reported concentrated European buying.

Corn.—Crude oil was firmer, the tone being influenced by recent developments in competing product. Offerings were light, with sellers quoting an advance of ⅛c. per pound. There were reports of a fair inquiry.

Cottonseed.—No quotable change occurred in edible oil prices, but the tone of the market appeared to be firmer. A somewhat better inquiry was noted.

Oiticica.—There were reports of some improvement in the inquiry, buying interest being stimulated by the recent upturn in competing product. The market had a firm tone.

Palm.—Demand was rather slow and apparently limited to comparatively small or moderate quantities to fill the current needs of consumers. Offerings were light, however, and the market retained a steady tone.

Peanut.—The strength of competing product recently was reflected in a firmer tone in Southern markets for crude peanut oil, quotations being advanced ⅛c., with offerings generally light.

Perilla.—Demand was rather slow, but there was no increase in offerings and the market retained a steady tone, quotations on spot generally being maintained at former levels.

Sesame.—Prices were generally stationary and the tone of the market appeared to be steady. There was a fair inquiry.

Markets at Other Centers

San Francisco, Feb. 21.—Moderately increased buying went hand in hand last week with a show of strength in the local vegetable oils market and the position of all materials has been enhanced during the last few days.

COTTONSEED.—Domestic bleachable oil quoted 7⅛c. per pound in tankcars, f.o.b. Pacific Coast mills, with foreign offerings absent.

RAPESEED.—Refined and denatured oil quoted 5¼c. per pound, nominally, in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient.

RICE BRAN.—Semi-refined oil, duty paid, 5½c. per pound, nominally, in tankcars, f.o.b. San Francisco for shipment out of the Orient.

TEASEED.—Quoted for shipment from China at 8c. per pound in tankcars, f.o.b. Pacific Coast ports.

Chicago, Feb. 24.—Buying of vegetable oils is along somewhat brisker and more comprehensive lines and the feeling now seems to be a little better.

COCONUT.—Coast basis, crude, February-forward, 2¾c. to 2⅞c. per pound.

CORN.—Crude, low acid, 5⅞c. to 6c. per pound, partly nominal. Refined, edible oil, 8¾c. to 9c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

SOYBEAN.—Crude, mills, February-forward, 4¾c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was quiet. Fluctuations in prices covered a moderate range. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Feb. 24.	Closing Feb. 17.
Cash, No. 2..	$0.83¾	$0.82	....	....
May	.82⅞	.81½	.82	$0.80¾
July	.82½	.81¾	.82	.80¾

London, Feb. 14.—Soybean oil, crude, 22s. 6d. per cwt.; rapeseed, refined, 31s. 9d.; palm kernel, refined, English, 24s. 6d.; peanut, Bombay, 20s. 9d.; sardine, Japanese, 18s.; whale, crude, Rotterdam, 14s. 6d.

Linseed Oil

Moderate changes in flaxseed quotations. Linseed oil higher. Cake and meal lower.

Flaxseed—DULUTH, Feb. 24.—Interest in flax is absent, due to the lack of seed for delivery and the consequent futility of trading. In this market no attempt at transactions is made, although once in a while somebody seeks cash seed which, in the main, they do not get. Flax on track remains at 2 to 8 cents over Minneapolis May.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.85	$1.77
Monday	1.85	1.77
Tuesday	1.84½	1.77
*Wednesday	...	...
Thursday	1.84	1.76
Friday	1.84	1.76

* Holiday.

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	....	836	....	....
Since Aug. 1...	1,358,874	1,062,238	1,292,521	1,143,848

MINNEAPOLIS, Feb. 24.—Receipts were meager and all of the flax that looked

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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suitable for seed stock moved promptly at high premiums. Buyers are still on the look-out for good seed flax and crushers let them take the offers without competition.

According to line elevator reports farmers are quite interested in the production of flax and are not selling any more of their old crop at present. They are saving it for themselves and their neighbors. Small lots of northern seed in interior elevators are being held for re-sale to farmers for seed. Altogether it looks as though there would be very little movement to this market for the balance of the season.

A few cars of southern Minnesota quality came to market during the week ending today and showed too much watergrass dockage to make it suitable for seed and crushers competed for such offers. More snow fell in the Red River Valley and in northern Minnesota through the week. Quite a pronounced increase in acreage is expected.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.91	$1.77	$1.74½
Monday	1.91	1.77	1.75
Tuesday	1.91½	1.76½	1.74½
*Wednesday	...	...	...
Thursday	1.91	1.76	1.74
Friday	1.91	1.76	1.74

* Holiday.

Crop movement in bushels as follows:—

	Receipts—		Shipments—	
	1939.	1938.	1939.	1938.
This week..	6,000	19,000	13,200	10,440
Since Sept. 1...	2,897,070	3,264,640	478,359	628,702

WINNIPEG, Feb. 24.—Flaxseed prices were irregular within moderate limits. Trading quiet. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.49	$1.51	$1.47½
Monday	1.49¼	1.51¼	1.47⅞
Tuesday	1.49½	1.51¼	1.47⅞
Wednesday	...	...	...
Thursday	1.49¼	1.51¼	1.47⅞
Friday	1.49¼	1.51¼	...

BUENOS AIRES, Feb. 24.—Opening prices per bushel on March contracts were:—

	Last week.	Last year.
Saturday	$1.07¼	$1.34⅞
Monday	*..	1.34⅞
Tuesday	*..	1.34⅝
Wednesday	1.06¼	1.34⅝
Thursday	1.06⅜	1.34½
Friday	1.06⅜	1.34½

* Holiday.

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Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	256,000	657,000	39,000
United Kingdom	.....	110,000	.....
Continent	992,000	449,000	496,000
Orders	268,000	.....	.....
Others	.....	31,000	20,000
Totals	1,516,000	1,247,000	555,000

Since January 1

To—	Bushels— This year.	Last year.
United States	4,349,000	3,517,000
United Kingdom	350,000	515,000
Continent	5,940,000	5,858,000
Orders	1,803,000	3,162,000
Others	271,000	71,000
Totals	12,713,000	13,123,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	5,906,000
Last year	6,693,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	192,000	196,000	48,000
Continent	20,000	120,000	52,000
Others	.....	.....	20,000
Totals	212,000	316,000	120,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	10,352,000	7,041,000
Continent	936,000	340,000
Others	504,000	11,440
Totals	11,792,000	8,525,000

HULL, Feb. 24.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£10⅞	£13
Monday	10⅞	13⅛
Tuesday	10⅞	13⅛
Wednesday	10⅞	13⅛
Thursday	10⅞	13
Friday	10⅞	13

Linseed Oil.—Quotations were advanced one point by crushers to the basis of 8c. to 8.2c. per pound in tank-cars, according to seller. The firmer situation was attributed to a reduction in the Argentina flaxseed crop estimate and the strength of cash seed in this country. There was a somewhat better inquiry for oil, sales being reported before and after the advance in prices. Withdrawals on contracts also showed some increase.

The second official Argentina crop estimate put the production for the current season at 61,024,000 bushels. The previous estimate, issued in December, was 63,779,000 bushels. With about 7,500,000 bushels required in Argentina for home requirements, the quantity available for export this season would be about 53,500,000 bushels. The exports in the previous season were 53,540,000 bushels, while in 1937 they were 73,474,000 bushels.

Receipts and offerings of cash seed in the Northwest last week were light and promptly absorbed at substantial premiums over futures. Arrivals at New York were 610,451 bushels. Labor troubles were reported at one of the oil plants in Edgewater, N. J., some 35 strikers employed in the pressing room walking out. The plant remained in operation, however, and at the close of the week, an early settlement of the trouble was expected.

MINNEAPOLIS, Feb. 24.—Crushers are more conservative in their selling of linseed oil because of the lack of flax movement and the downward revision in the Argentine official crop estimate. Buyers continued to show interest in offers but their price views were quite a bit out of line. Most of them bought enough oil during the recent flurry of trade to care for requirements of the near future and show inclination to wait on freshly developments.

Shipping instructions on maturing contracts are fair to good but not quite as satisfactory as last week. Mills are proceeding at 20 percent of capacity and current instructions care for more oil than is being produced. Better instructions are due after the turn of the month because contracts mature more freely then.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots, 8.3c. per pound, cooperage car lots 8.9c. per pound, warehouse lots, 9.3c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	960,000	372,016
Since Sept. 1	30,668,953	26,723,564

SAN FRANCISCO, Feb. 21.—Very minor activity in linseed oil. Quoted:—Tankcars, 8.3c. per pound; drum lots ex-mill, 8.8c.; drum lots ex-warehouse, 9.3c.

CHICAGO, Feb. 24.—Linseed oil demand is reported holding in good shape. Ruling prices are:—Tankcar, 8.3c. per pound; car lots, 8.9c.; less than car lots, 9.3c.

LONDON, Feb. 24.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	24	0
Monday	24	0
Tuesday	24	0
Wednesday	24	0
Thursday	23	9
Friday	23	9

Cake and Meal.—The market had an easier tone, quotations being reduced 50c. per ton. A somewhat better export inquiry for cake was noted. Domestic demand for meal was fair.

MINNEAPOLIS, Feb. 24.—Meal demand improved just a little this past week and the market tone is better. A spell of cold weather over a wide feeding area and diminishing stocks in the hands of consumers and distributors made the improvement. Soybean and cottonseed meal competition is not quite as sharp as it has been and offers of these concentrates are smaller in volume. Shipping instructions on old and maturing contracts are better.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $38.50 to $39 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	1,480,000	1,003,095
Since Sept. 1	51,282,225	94,801,424

CHICAGO, Feb. 24.—Linseed meal easier. Interest on the part of buyers is still fair. Ruling prices are:—Round lots, $39.50, largely nominal; car lots, $39.50 to $40; less than car lots, $41 to $41.50.

Cottonseed Oil

Refined oil futures were irregular, an advance early in the week being followed by a reaction. Southern markets steady.

Cottonseed Oil.—The market here for refined oil futures was quieter last week. Business was suspended on Wednesday and transactions on other days of the week were on a smaller scale than in the previous period, some traders being disposed to curtail operations and await further developments after the recent sharp advance in prices. The market was irregular, an upward trend early in the week being followed by a recession, with local and other longs liquidating. There was also some selling, supposedly for a turn on the short side, although such operations were not of a very aggressive character.

Commission houses were on both sides of the market, their operations being attributed in part to foreign interests. There also appeared to be more or less hedge selling. Switching was noted at times from near to distant positions. March was switched to July at 30 points difference and to September at 38 to 44 points. May was switched to September at 20 to 21 points difference, while July was switched to September at 9 points.

Lard futures, as well as other speculative commodities which usually have more or less influence upon sentiment in cottonseed oil circles, were irregular. Shortening was higher, with reports of an increased demand. Crude coconut oil was advanced ⅛c. and producers were said to be disinclined to sell at the rise, owing to uncertainty concerning copra which was also in upward trend abroad where European interests were said to have purchased freely. Southern markets for crude cottonseed oil were steady or firm, with offerings reported as light in all sections owing to the low prices prevailing.

Stocks of lard in Chicago increased 2,352,064 pounds during the first half of February, as compared with an increase of 9,629,456 pounds in the same time last year. Stocks there on February 15 were 74,437,019 pounds against 51,494,501 pounds on the same date last year. Receipts of hogs in some sections were below expectations, this apparently being due in part at least to severe winter weather. The weight of the hogs received in Chicago during the week ended February 18 averaged 256 pounds, the same as in the previous week. In the same week last year the average weight of the hogs receivd in Chicago was 249 pounds.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from February 18 to February 24, inclusive, comprised 1,069 contracts, a total of 64,140,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	6.93	6.63	6.74 sale
May	7.13	6.84	6.97 sale
July	7.23	6.95	7.09 sale
September	7.31	7.05	7.18@7.19
October	7.32	7.07	7.18@7.20

Crude, Southeast, .0575 Nom.

Chicago, Feb. 24.—Improvement in cottonseed oil business has been noted and the general tone apparently is considerably steadier than in some time. Good, off-Summer yellow fig oil is 7¼c. per pound. Refined, edible oil is 8¾c. to 9¼c. per pound, barrels, car lots; and 9¼c. to 9¾c., barrels, less than car lots.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Hull, Feb. 24.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s. d.	Egyptian crude. Per cwt. s. d.
Saturday	20 6	17 6
Monday	20 6	17 6
Tuesday	20 6	17 6
Wednesday	20 6	17 6
Thursday	20 6	17 6
Friday	20 6	17 6

Cake and Meal.—A steady or firm tone was noted in Southern markets. Offerings were light in all sections. There was a fair movement.

Markets at Other Centers

Atlanta, Feb. 22.—Slightly firmer market is reported for both oil and meal. Prime crude oil offering in southeast at 5⅞c. to 6c. per pound. Meal offered at southeastern mills $23 to $23.50 per ton.

Memphis, Feb. 24.—Crude cottonseed oil quiet. Sales early in week at 5⅞c. per pound, Valley basis, but bids dropped later to 5⅝c., because of lower New York oil market. No selling at the lower figure. Remaining seed now in strong mill hands. Meal more active and steady at $21.50 to $22 per ton for 41 percent, Memphis basis. Several lots of bulk cake sold this week at $19 per ton, Valley basis. Hulls $4.50 per ton at mill points.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	February 16.	February 23.
March	$21.20@21.30	$21.30@21.40
May	21.20@21.45	21.30@21.45
July	21.60@21.75	21.60@21.75
September	22.05@22.25	22.00@22.10

Fatty Acids

Capric Acid.—Quiet conditions prevailed last week, so far as new business was concerned, but the movement to makers of chemical compounds recently has been sufficient to give the market a steady tone.

Coconut Oil.—Business in this fatty acid was rather slow, makers of soaps and cosmetics being disinclined to purchase in advance of current needs. The market was steady, however, as basic material was firmer.

Cottonseed Oil.—There were reports of a somewhat better inquiry from makers of soaps and soap bases, as well as synthetic resins, as a result of developments in crude material. The tone of the market was steadier.

Stearic Acid.—No important broadening of business was noted but there was a somewhat better inquiry for comparatively small or moderate quantities. The market retained a steady tone, quotations generally being held at former levels.

Markets at Other Centers

Chicago, Feb. 24.—The recent turn toward firmness in some of the basic oil products seems to have imparted a little additional strength to the fatty acids. Fair volume of business.

FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 7¾c. per pound, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 4c. to 4¼c., cottonseed foots, 50 percent basis, 1½c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—There were no new developments in the way of price changes in refined oil, the market being steady at the reduction announced in the previous week. There was a fair movement to local and other buyers, but as a rule, consumers were disinclined to purchase in advance of current requirements. Crude oil was quiet and nominal.

Sardine.—Quotations on refined oil were held at the reduced levels announced in the previous week, the tone of the market being steady. There was a fair inquiry for moderate lots for prompt shipment.

Sperm.—Business in refined oil was more active, though consumers were not inclined to anticipate to any important extent. The market had a steady tone.

Markets at Other Centers

San Francisco, Feb. 21.—Northern California wound up its sardine fishing season for the period of 1938-39 last week, and a few light sales reported to have passed at an advanced figure of 30c. per gallon in tankcars apparently all but wiped the slate clean insofar as stocks in producers' hands were concerned, it was reported here in trade circles.

In San Pedro fishing has continued, with the season there running on until the end of March, but producers are resisting sales and no business has been reported out of there lately. Quotations are on the basis of 32c. per gallon in tankcars, with bids present at 30c. Sellers, in nearly all cases contracted by now for practically every potential gallon produced, are finding but little oil to place on the open market.

Figures as released by the California Sardine Products Institute today show that the catch in the southern California district for the week ending February 17 amounted to 7,706 tons, bringing the total tonnage for all California districts to that date to 488,569, not including previous floating reduction plant operations. This compares with 322,630 tons as of a year ago.

Baltimore, Feb. 23.—The menhaden fish factories along the North Carolina coast continue their operations on the Sound, but with meager results. Moreover the fish caught are yielding virtually no oil, so that the plants are not in a position to offer supplies in any quantity. Virtually no oil remains in the hands of the producers. From Florida, however, comes news that several tanks have been sold there at 27½c. per gallon, which is equal to about 30½c. a gallon f.o.b. Baltimore.

Fats and Greases

Grease.—The prevailing tone was steady, quotations generally being held at former levels, with offerings reported as light. There was a fair inquiry for moderate quantities for prompt shipment to local and other buyers.

Lard.—Cash lard was firmer, the tone of the market here being influenced by an upward trend at times in futures at Chicago. There was a somewhat better inqury from domestic buyers. The export call was again reported as fairly active.

Stearin.—A firmer tone developed, quotations being advanced ½c. to ¾c. per pound. There was a somewhat better inquiry.

Tallow.—The market was rather quiet much of the time last week. Inquiries were not entirely lacking, but transactions were apparently limited to comparatively small or moderate lots, the movement of such quantities for the week being unimportant. On the other hand, offerings were light and the market had a steady tone.

Trading in tallow futures on the New York Produce Exchange from February 18 to February 24, inclusive, comprised 9 contracts, a total of 540,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks— High.	Low.	Close.
March	5.30	5.30	5.20@5.40
May	5.45	5.45	5.25@5.50
July	5.50	5.50	5.35@5.55

Markets at Other Centers

Chicago, Feb. 24.—Business in cash lard has picked up considerably, and now there is a better tone in most products.

The range of lard quotations from the opening Saturday, February 18, to the close Friday, February 24, is shown in the following table:—

	—Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.65	$6.80	$6.65	$6.70	$6.60
May	6.72	6.92	6.72	6.82	6.72
July	6.90	7.12	6.90	7.00	6.90

TALLOWS (tierces).—Edible, 5¼c. to 5⅜c. per pound; prime, 5¼c. to 5⅜c.; fancy, 5⅛c. to 5⅜c.; special, 5c. to 5⅛c.; No. 1, 5c. to 5⅛c.

GREASES (tierces).—Choice white, 5⅛c. to 5¼c. per pound; A white, 4⅞c. to 5c.; B white, 4¾c. to 5c.; yellow, 10-16, 4½c. to 4¾c.; yellow, 16-20, 4⅜c. to 4½c.; brown, 4½c. to 4¼c.

STEARINS (barrels).—Prime oleo, 6c. to 6¼c. per pound; lard, packages, 7⅜c. to 7⅝c.; white grease, 5¼c. to 5½c.; yellow grease, 4⅞c. to 5c.; oleo stocks, 7½c. to 8c.; No. 2 stocks, 7c. to 7½c.

Liverpool, Feb. 24.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	May. s. d.	July. s. d.
Saturday	39 6	39 3	39 9
Monday	39 6	39 9	40 3
Tuesday	40 0	40 3	40 9
Wednesday	.. ..	.. ..	.. ..
Thursday	40 0	40 3	40 9
Friday	39 6	39 3	40 0

Liverpool, Feb. 24.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	17 6	17 0
Monday	17 6	17 0
Tuesday	17 6	17 0
Wednesday	17 6	17 0
Thursday	17 6	17 0
Friday	17 6	17 0

Animal Oils

Lard.—The market had a steady tone, quotations on all grades being maintained at the reduced levels announced in the previous week. Business lacked snap, but there was a fair movement of moderate lots to local and other consumers.

Neatsfoot.—New developments in the way of price changes were lacking, the market being steady at the recent decline. There were reports of a somewhat better inquiry for moderate quantities.

Oleo. — Quotations were stationary and the tone of the market appeared to be steady. Business was along conservative lines, the call for moderate lots being fair.

Markets at Other Centers

Chicago, Feb. 24.—Although some irregularity has been noted in the animal oils market here recently, buying is holding up moderately well.

LARD.—No. 1, 8¼c. to 8½c. per pound.
OLEO.—No. 2, 7¼c. to 7¾c. per pound.
TALLOW.—Acidless, 7¼c. to 7½c. per pound, tanks; and 8c. to 8¼c., barrels.

Waxes

Bees.—The market on crude seemed to be slightly unsettled, though the situation in that respect did not extend to an actual reduction in open quotations on this market. Against this position of crude material was the fairly steady situation prevailing on bleached and refined yellow waxes. Both of the latter were the object of very fair sized consuming request and values were well maintained.

Candelilla. — Although replacement cost continued to be maintained at the higher level reported during the previous trading period, competition on spot kept local quotations from undergoing a warranted rise. Importers declared, however, that values must advance eventually.

Carnauba.—Competition on spot continued acute and kept prices lower than prevailing quotations in Brazil would warrant. Conditions in Brazil were apparently on the strong side with crop collection at a standstill and with exporters holding prices firmly while awaiting the broadening of demand believed certain to come. Unsold stocks on this market made a fairly substantial total, which condition accounted for the market being mainly favorable for those with firm orders in hand.

Japan.—Further advance in spot quotations was avoided, but the position of this article was one of considerable strength based on the fact that replacement costs in Japan have risen substantially and were being firmly maintained on a basis in line with the government's control of raw material.

Hempseed Oil Exemption Proposed Under N.Y. Law

Albany, Feb. 20, 1939

An amendment to the State narcotic law has been introduced at the request of the Joint Legislative Committee on Interstate Cooperation as a bill (A. 1358) by Assemblyman Ostertag, which would define "cannabis" so as to include all parts of the green plant of *cannabis sativa*, also its seeds and the resin extracted from any part of the plant. Derivatives, compounds, and preparations of the plant or the resin are also included, but specific exemption would be provided for the mature plant, hemp fiber, hempseed oil and oilcake, and sterilized seed which is incapable of germination.

Tung Oil Ass'n to Meet In Gulfport, Miss., Mar. 27

The American Tung Oil Association will hold its annual meeting in Gulfport, Miss., March 27-28. The program calls for five sessions featuring cultural problems, Federal and State cooperation, tung oil extraction and marketing, milling problems, promotion and financing. J. C. Adderley, Pensacola, Fla., is president of the association and J. W. Turner, jr., Jackson, Miss., is secretary.

Flaxseed Promotion Advocated in Congress

OPD Washington Bureau
February 21, 1939

A sum of $100,000 would be made available for seed-flax investigations in North and South Dakota, Minnesota, Iowa, Kansas, California, Washington, Oregon, and Texas, under the terms of a bill introduced in the house by Representative Warren G. Magnuson of Washington.

The proposed investigations would include research with respect to:—(1) Plant breeding for improved oil quality, (2) the place of flax in crop rotation, (3) the areas best suited for flax production, (4) a wider usefulness of linseed meal, (5) the physiology of the flax plant, (6) chemistry and biology of oil formation, (7) industrial utilization of flaxstraw, (8) linseed meal proteins and carbohydrates, and (9) the possible place of linseed oil in human nutrition.

The fund would be administered by the Bureau of Plant Industry of the Department of Agriculture, and wherever possible the facilities of land grant college experiment stations would be utilized for the work.

Oils Processing Tax Increase Is Proposed

OPD Washington Bureau
February 23, 1939

Senator Tom Connally of Texas today introduced a bill to increase to 5 cents per pound the present excise tax of 3 cents per pound on the first domestic processing of imported palm oil, palm kernel oil, and coconut oil.

The bill is in the form of an amendment to the pending bill (H.R. 3790) to apply Federal income taxes to State government employees, which has already passed the house. Revenue bills may not originate in the senate, and while a number of similar bills have been introduced in the house, they have not yet received consideration by the committee on ways and means. Senator Connally's maneuver in offering the proposal as an amendment to a revenue measure already passed by the house, even though pertaining to a different type of tax, is an attempt to get around the constitutional restriction on the origin of tax bills and the failure of the house committee to act on excise tax proposals.

U.S. Revenue Returns Show Decrease in Dec.

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for December, 1938, compared with 1937 as follows:—

Taxes Collected

	1938.	1937.
Chewing gum	$155.46	$106,182.30
Crude petroleum, processed	315.31	80,775.80
Coconut, etc., oils, processed	2,353,895.37	2,375,792.76
Distilled spirits, domestic, excise tax $2.25 per gal.	25,978,200.63	22,038,797.97
Distilled spirits, imported, excise tax $2.25 per gal.	3,546,174.69	4,115,154.33
Gasoline	16,936,871.83	17,585,707.17
Lubricating oils	2,109,251.55	5,558,476.42
Matches	7,611.27	282,641.14
Narcotics, including special taxes	15,032.06	22,428.07
Oleomargarin, excise taxes	81,575.77	104,112.60
Oleomargarin, special taxes	18,985.49	25,862.36
Toilet preparations— At 5 percent	63,033.69	813,283.11
At 10 percent	1,022,944.12	1,206,950.82
Transportation of oil by pipeline	939,764.85	1,074,545.86
Total internal revenue	$662,252,430.14	$767,545,452.19

Quantities Taxed

	1938.	1937.
Distilled spirits, domestic, tax gallons	11,773,086	11,260,666
Distilled spirits, imported, tax gallons	1,728,888	2,184,191
Distilled spirits, rectified, proof gallons	4,288,968	4,720,852
Oleomargarin, colored, pounds	29,524	62,630
Oleomargarin, uncolored	31,411,408	39,139,840

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

The best that can be produced. It is 100% PURE BEESWAX and measures up to all the requirements of the U. S. P.

SPECIFY TL BRAND
BEESWAX
THEODOR LEONHARD WAX CO., INC. (Dept. A)
Haledon ESTABLISHED 1852 Paterson, N. J.

BARNSDALL SPECIAL WAXES
Amorphous Type—160, 170, 180°F. Melting Points
Write for Samples
BARNSDALL REFINING CORP.
4533 Roosevelt Road Chicago, Ill.

FOUR PLASTICIZERS FROM MONSANTO

Monsanto plasticizers have been serving the plastics industry for many years. Included in this group are four plasticizers of interest for special applications. One or more of these products may have a possible use in your manufacturing processes. Write us for further information and samples for your experimentation.

PRODUCT	DIPHENYL PHTHLATE	SANTICIZER 1-H	SANTICIZER 10	TRIBUTYL PHOSPHATE
CHEMICAL NAME	———	Cyclohexyl Paratoluene Sulfonamid	Ortho Cresyl Para Toluene Sulfonate	———
MOLECULAR WEIGHT	318.11	253.20	262.15	266.24
PROPERTIES:				
Appearance and Color	White solid	Fine white crystals	White crystals	Clear, water white, mobile liquid with maximum color of 40 (Hazen scale)
Odor and Taste	None	None	No odor. Faint phenolic taste.	No odor. Bitter taste.
Crystallizing Point	69°C	86°—87°C	51°C	———
Boiling Point	———	———	———	177°—178°C @ 27 mm.
Specific Gravity	1.28 @ 25°C	———	1.207 @ 15°C	0.9755±0.003 @ 25°C
Hygroscopicity	Non-hygroscopic	Non-hygroscopic	Non-hygroscopic	Non-hygroscopic, but will dissolve 2.6% by vol. of water
Light Stability	Poor	Excellent, but discolors slowly below 150°C, rapidly above 180°C	Fair in nitrocellulose. Discolors with heating at approx. 200°C	Stable
Chemical Stability	Stable. Resistant to hydrolysis	Non-corrosive. Not hydrolyzed by 10% solution of caustic soda at 80°C in 20 minutes.	Not hydrolyzed by 10% solution of caustic soda	0.06% hydrolysis by boiling water in 6 hours
Acidity or Alkalinity	Neutral	Neutral	0.03% acidity as acetic acid	0.05% max. acidity as orthophosphoric acid
Solubility	Soluble in aromatic hydrocarbons, chlorinated hydrocarbons, esters, ketones. Slightly soluble in aliphatic hydrocarbons. Insoluble in water. Soluble in alcohol and turpentine, and in vegetable oils—5.0 grs/100 grs/25°C approx. Acetone: 223 grs/100 grs/25°C Ethylacetate: 103 grs/100 grs/25°C Santicizer M-17: 300 grs/100 grs/0°C Santicizer B-16: 150 grs/100 grs/0°C	Soluble 0.00045% in water @ 30°C. Moderately soluble in alcohols, ethers, esters, ketones, aliphatic and aromatic hydrocarbons and vegetable oils. Very soluble in chlorinated hydrocarbons.	Soluble 0.0008% in water @ 30°C. Soluble in all common organic solvents.	Soluble 0.6% by volume in water. Soluble in practically all organic solvents.
Compatibility	Nitrocellulose 40-80% Cellulose acetate 20-80% Dammar gum 30% Compatible with benzyl cellulose, vinyl, phenolic, polystyrene and Santolite resins.	Nitrocellulose 75% Cellulose acetate 25-75% Ethyl Cellulose 50% Compatible with benzyl cellulose, polyvinyl acetates, alkyd and phenolic resins, Pliolite, shellac and kauri gum.	Nitrocellulose 50% Cellulose acetate 30% Vinyl acetate—compatible Phenolic resins—poor compatibility; Alkyd resins—compatible; Shellac—compatible but less flexibility than with Santicizers 1-H, 8 or 9	Solvent for nitrocellulose—Compatible with cellulose acetate — Limited compatibility with vinyl resins.
Toxicity	Non-toxic	Non-toxic	———	———
SUGGESTED USES	In nitrocellulose lacquers to aid water resistance and weathering. With the Santolites to give flexibility to lacquers. Plasticizer for polystyrene. With phthalic anhydride to improve gloss, color and texture of molding compositions made from steam treated lignocellulose.	Special crystallizing lacquers Plasticizer for Pliolite Plasticizer for shellac Plasticizer for vinyl resins Points of emphasis are light stability, lack of toxicity and insolubility in water.	Plasticizer for nitrocellulose and cellulose acetate to give gloss and water resistance.	Plasticizer for cellulose acetate and various vinyl resins used in coatings, molded articles, etc., requiring flexibility at low temperature. In printing inks and as an anti-foaming agent.

Monsanto Chemical Company
St. Louis, U. S. A.

NEW YORK • CHICAGO • BOSTON • BIRMINGHAM • DETROIT
CHARLOTTE • LOS ANGELES • SAN FRANCISCO • MONTREAL • LONDON

Drugs, Fine Chemicals

Sulfanilamide Reduced—Mandelic Acid and Soda Mandelate Hold —Quicksilver Strength Unabated—Alcohol Statistical Data Released—Demand for Seasonal Items Runs Strong

Seasonal items in the drug and fine chemical market continued to create a heavy volume of sales. Widespread reports indicated that more than the ordinary number of common colds, and cases of grippe, and influenza, continued to prevail in many parts of the country. While none of the reports indicated that these diseases had reached the epidemic force, it was clear that in certain sections of the nation there was reason for concern about the large number of cases.

In addition to the very good demand for seasonal materials, many others were in steady request and tended to add to the already very firm market. Quicksilver was an item of great strength and market gossip here included predictions of a $100 market in the not far distant future. Mercurials were strong, too, and a rise in quotations on soft mercurials would surprise no one.

Larger demand for santonin was expected. Unrestricted distribution of chenopodium in the Philippine Islands has been stopped. Strychnine should do better shortly if the usual buying for distribution in the agricultural areas takes place. The market was fully firm. Alcohol statistics for the period July 1, 1938, to January 31, 1939, with comparative data for the corresponding period in 1937-1938, were released and appear in the market report.

Sulfanilamide was reduced in price, but no changes were made in the quotations on mandelic acid or soda mandelate.

Acid, Acetylsalicylic.—Demand held up well, still being stimulated by conditions that have tended to raise consumption of this material during the Winter months. Undertones were very steady and prices held firmly.

Acid, Benzoic.—Fair to moderate demand was evidence of a steady consuming need that was promptly and fully supplied out of good sized reserves held by the leading producers. Quotations were on the firm side.

Acid, Citric.—Although prompt delivery demand was seasonally light. the trade looked forward with confidence toward the more active season for consumption. Revival of more liberal demand was expected to develop during the Spring months when Summer requirements will be covered in part.

Acid, Tartaric. — The local market was moderately active although it was not much improved over that current in recent weeks. Undertones were firm and prices were well maintained in keeping with the absence of weakness in the raw material market. Importations of this acid into Brazil in 1936 declined to 179,142 kilos, valued at 1,341,555 milreis. These figures compared with the 1935 total of 241,777 kilos, valued at 1,817,337 milreis.

Agar.—Prices held steady, but the extremely strong situation that recently accompanied news of advancing quotations in Japan was not quite so pronounced last week. Consumers were not stampeded into the market; they continued to buy as needed and to avoid speculative coverage of potential requirements of the more distant future.

Alcohol.—The most recently released statistics covering the production, distribution, and stocks of alcohol show that on January 31 stocks of ethyl alcohol were larger than a year ago by 2,931,135 proof gallons. Stocks of completely denatured alcohol were 81,978 wine gallons less than a year ago. And stocks of specially denatured alcohol were 369,014 wine gallons more than January 31, 1938. Production figures on ethyl showed that for the period July 1, 1938, to January 31, 1939, output decreased 6,895,414 proof gallons from that in the corresponding period in 1938; production of completely denatured alcohol dropped 7,081,461 wine gallons; but the output of specially denatured alcohol gained 6,323,342 wine gallons. The total production of all alcohol from July 1, 1938, to January 31, 1939, was 177,855,730 gallons, comparing with 185,539,264 gallons for the corresponding time a year ago. The decrease was 7,683,534 gallons. Comparative statistics on pure and denatured ethyl alcohol for July-January in 1938 and 1937, as prepared by Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, D. C., follow:—

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Mesityl oxide, 9½c. per lb.
Sulfanilamide, 25c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.0	**183.0**	**182.6**	**180.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Ethyl Alcohol

	Proof gallons— 1938.	1937.
Production	115,579,442	122,474,857
Withdrawn, tax paid	12,995,659	17,290,944
tax free	109,970,110	111,793,972
Stocks, January 31	24,433,493	21,502,358

Denatured Alcohol

	Wine gallons— 1938.	1937.
Completely		
Produced	14,537,840	21,619,301
Removed	14,766,431	21,913,268
Stocks, January 31	455,280	537,258
Specially		
Produced	47,768,448	41,445,106
Removed	47,298,907	41,655,436
Stocks, January 31	923,447	554,433

Bonded Dealers

	Wine gallons— 1938.	1937.
Specially denatured—		
Received from denaturing plants	1,972,122	1,953,848
Disposed to bonded manufacturers	1,933,598	1,960,058
Inter-dealer shipments	27,210	30,748
Stocks, January 31	308,721	339,769

Aloin.—Demand was steady but not expansive. Prices remained firm and appeared destined so to hold unless and until there shall be produced a crop of raw material sufficiently large to bring shipment quotations down substantially.

Bismuth Metal and Salts.—Inquiry was good and movement into consumption was well up to the volume current for some time. Salts of seasonal importance were in especially good request, conditions having stimulated business substantially this Winter.

Cadmium. — Reports from Mexico stated that the export tax valuation on this metal had been established at 3.646 pesos per net kilo. Consumption of metal by the plating interests was reported gaining moderately. Stocks were plentiful and the general market undertone was fairly easy throughout the period.

Calomel.—The market was exceptionally firm on the price basis reached in the recent advance in values. Metal was as strong as ever and some quarters were disposed to expect a further rise in quotations on derived products.

Castor Oil.—Business was fair in volume and proved to be exceptionally steady throughout the past week. Prices were well held by the producers and appeared to be generally well stabilized.

CHICAGO, Feb. 23.—Demand for castor oil is reported good. Technical oil buyers have been taking considerable interest in the situation. Inquiries are along somewhat more liberal lines. Ruling prices are:—No. 1, barrels, car lots, 10⅛c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, 9⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Chenopodium.—The Board of Pharmaceutical Examiners and Inspectors recently passed a resolution limiting the sale of medicinal products containing chenopodium to prescriptions only in the Philippine Islands. This resolution was brought about by the death of six children who were alleged to have

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

Acetone
Allyl Alcohol
Allyl Chloride
Butyl Alcohol (Secondary)
Butyl Alcohol (Tertiary)
Diacetone
Iso Propyl Alcohol
Iso Propyl Ether
Methallyl Alcohol
Methallyl Chloride
Methyl Ethyl Ketone

Selling Agents for Shell Chemical Co.

R.W. GREEFF & CO.
10 East 40th Street New York, N. Y.

MILK SUGAR
(LACTOSE)
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Powdered — Impalpable
Highest Quality — Best Prices

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PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

SILVER NITRATE
C.P.—U.S.P. 99.9% Pure
CHARLES COOPER & COMPANY
6 Mulberry Street New York, N. Y.

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
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HUISKING
IMPORTERS AND EXPORTERS
DRUGS, CHEMICALS, OILS, RAW MATERIALS, Etc.
DRUG TRADE DINNER
MARCH 9th
We look forward to seeing you at the Waldorf-Astoria
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There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

been poisoned by a preparation containing chenopodium, and labeled for use as a vermifuge, according to unconfirmed press reports.

Chloral Hydrate.—Business was normal in all respects and market conditions gave full evidence of the continued stability of both prices and consuming requirements.

Cocoa Butter.—Demand failed to improve. Prices held unchanged on the surface but they were actually easy and probably subject to shading on the development of attractive inquiries.

Codliver Oil.—Consumption in this country was running to excellent figures but most distributors and manufacturers appeared to hold raw material stocks sufficient to permit them to hold aloof from making large replacement purchases at this time The general undertone of the spot market was steady and prices were well maintained. Among other supplies, the people of Yorkshire, England, recently shipped thirty tons of medicinal oil to Spain for free distribution to refugees, according to unconfirmed press reports.

Codeine.—Conditions were still productive of a high volume of demand for this group. Manufacturers reported full time operation in the factories but they also indicated that they were meeting the large demand promptly.

Corn Syrup.—Prices appeared to be steadier than they were recently. At least, values were well maintained throughout the past week and a very fair movement into consumption tended to give added support to quotations.

Glycerin. — Undertones were very steady and the market as a whole appeared to be in well stabilized position for the time being. The general feeling was that present quotations will be maintained until such time as there shall develop a substantial change in the balance now existing between supply and demand. Production was reported moving very well, demand being sufficient to prevent any important accumulation of unsold stocks of either crude or refined material.

CHICAGO, Feb. 24.—The glycerin market continues to exhibit signs of further stability on the basis of good business. Volume of orders for c. p. material is reported along lines tending to promote confidence in the outlook. Tone is firm. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Magnesia.—All forms of the article were in very good request. Inquiry was active and sales volume was mainly satisfactory. Quotations proved to be generally steady and, to a considerable degree, well stabilized.

Mesityl Oxide.—An exceptionally severe decline in price was announced late last week. The new schedule was as follows:—Tanks, 10½c. per pound; drums, car lots, 11½c.; less than car lots, 12c.; 5-gallon cans, 16c.; 1-gallon cans, 18c. Prices in drums and tanks are quoted f.o.b. destination, but cans are quoted at the works and no freight allowance is made.

Methanol.—Routine activity was reported. Fair volume of manufacturing requirements was noted and prices continued to be held in a stable position. Of considerable importance was the fact that stocks of denaturing grade material were under normal; some recently said that unsold goods were actually scarce. New business, however, was inconsiderable because consuming needs had been covered broadly to the end of the first quarter.

Morphine. — Exceptionally favorable conditions have raised consumption of this narcotic substantially; the Winter to date has been productive of a high volume of sales. Requirements of buyers were being met promptly.

Quicksilver.—No further advance in prices took place. Undertones were strong, however, and the tendency upward was as marked as ever. Domestic production has been sold well ahead and recent buying of large quantities forecast the reopening of Pacific Coast mines at the earliest possible date; some have been shut down for weeks by weather conditions. According to reports from Mexico, the export valuation tax on quicksilver has been set at 4.691 pesos per net kilo.

SAN FRANCISCO, Feb. 21, 1939.—The expected further increases in quicksilver prices were realized here when the market again advanced in volatile fashion and reached a top quotation of $90-$93, depending upon quantity, following sales of several hundred flasks for future delivery at a price of $89.50, delivered New York. At this writing the $89.50 price was apparently the highest paid, but none was believed to be available below $90 now, and the market is tight. Stocks are spoken for well in advance and spot supplies here are such that it is only possible to fill small orders. Providing quotations on European metal continue to keep pace with the price advances on domestic goods, producers expect $100 quicksilver eventually.

Quinine.—Consumption was running high. Colds, the grippe, and the influenza have been rampant this Winter and the movement of quinine has been vastly stimulated thereby. Demand was still very active and the market was firm at all times.

Rochelle Salt.—Strength was apparent in all aspects of the market for this material. Values were well maintained and the tendency seemed to be upward because of the situation prevailing in the raw material market and the rising trend of production costs.

Santonin.—Revival of selling was hoped for, but, notwithstanding the fact that the season when consumption should expand was close at hand, no important increase in buying developed last week. The market was low in price and reasonably steady.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate, Cents.	New York, Cents.	London, Pence.
Saturday	31½	42⅝	20⅝
Monday	31½	42¾	20¾
Tuesday	31½	42¾	20¾
Wednesday	31½	42¾	20⅝
Thursday	31½	42¾	20⅝
Friday	31½	42¾	20½

Sulfanilamide.—Quotations were reduced 25c. per pound, making the market inside at $1 per pound and continuing the movement of values in favor of the manufacturing consumer. Price declines have been the rule for a long

L.D. Humphrey Retiring From Harvey Presidency

Lewie D. Humphrey, president since 1929 of the G. F. Harvey Company, pharmaceutical manufacturer, Saratoga, N. Y., will retire April 15 from that position and that of treasurer. He will become chairman of the board of trustees.

Mr. Humphrey became connected with the Harvey company in 1890. He became secretary of the company in 1918 and was made treasurer and general manager in 1927. He has long been active in the American Pharmaceutical Manufacturers Association and was elected a vice-president at its 1937 meeting. His activities also embrace civic, educational, religious, and fraternal affairs.

Successors to Mr. Humphrey in the presidency and treasurership will be elected at the annual meeting of the company April 15.

COD LIVER OILS
(Medicinal and Poultry Grades)
FISH LIVER OILS
(High Vitamin Potency)
CONSUMERS IMPORT CO., Inc.
115 Broad Street WHitehall 4-0743 New York, N. Y.

Drug Retailers Rap Combination Deals

—*Continued from page* 5

cles in the drug field are what they are because the manufacturer has seen fit to make a fine product, package it properly, and promote it by advertising, thereby creating in the mind of the customer a desire for that product and a willingness to pay a certain price for its possession.

If the manufacturer has to give away an additional product to induce the consumer to make the purchase then something has failed in his promotion procedure.

Constant excitement in order to produce sales lowers the opinion for the original product in the mind of the customer. In addition to that it creates a bargain atmosphere about the product or products involved thereby causing a doubt in the customer's mind whether he or she really got value. Business would be much healthier if the consumer were asked to look for value in the product rather than for the bargain in the deal.

The juggling around of the price structure and the change of the combinations in the deals, together with the competition amongst the various manufacturers in an effort to outdeal the last dealer, has made a bargain counter out of the drug store more so than ever before.

The legitimate retail druggist objects to being used as a springboard in these practices.

Harry Miller, chairman of the fair trade committee of the New York State Pharmaceutical Association, said that combination deals were popular with druggists with large drug stores catering to a transient trade but unpopular with the small neighborhood druggist because he can not move them fast enough and is left with surplus stock at the end of the deal. He urged that deals be made profitable to big and small drug store alike.

Samuel S. Dworkin, chairman of the trade committee of the New York Pharmaceutical Council, outlined many of the practical difficulties of the average retail druggist in selling combination deals. He said:—

The customer, after being educated in getting a trademarked item with some other item free, will, after the offer is withdrawn, refuse to get the same item single at the same price. Not only that, but in many cases companies put out new premiums with the same articles, actually placing the dealer in a position of forceable buying as he cannot move the previous stock with old premiums. The public demands the new deal. Many salesmen urge the retailers to take advantage of the so-called "merchandizing" by withholding the bargain by the simple means of dividing the offer and selling the items separately.

Following the presentation of the formal comments, Dan Rennick, editorial director of *Drug Topics*, who presided, opened the subject to discussion from the floor. John S. Norton, vice-president of the Lambert Company, defended his company's recent deals and explained his views on the subject of sound and unsound combination deals:—

As I see it there are five main elements needed to make a combination deal sound. First, the deal must consist of two nationally advertised, fast-selling items not one "good item" and one sleeper. Second, the deal should be advertised extensively. Third, the products should be filed under fair trade with a definite expiration date. Fourth, the retailer should make as great or more profit than when he sells the items separately. Fifth, the small retailer as well as the large retailer must be able to make a good profit on the combination.

After considerable discussion of the five points the meeting ended with Mr. Dworkin urging manufacturers generally to follow the tenets laid down by Mr. Norton.

Owens-Illinois Glass Appeal Denied in Sands-White Suit

The appellate division of the Supreme court in this city unanimously denied, February 20, the plea of the Owens-Illinois Glass Company for dismissal of a suit by LeRoy E. Sands and Fred C. White, Inc., charging breach of contract and seeking damages of $300,000. This ruling upheld the findings of Justice Church in the local county supreme court, who originally heard the case last December.

Mr. Sands sued as successor to and former president of the Hawley Glass Company, Hawley, Pa., which, he alleged, quit the manufacture of glass bottles in 1928 at the request of the Illinois Glass Company, predecessor of the Owens-Illinois company, and under an agreement by the Illinois Glass Company to continue Fred C. White, Inc., this city, as sales representative and to furnish the latter with bottles at a special price. The suit alleged that this agreement was not lived up to by the Owens-Illinois company.

The defendant company contended that the alleged contract was not in writing and was indefinite in price terms, and was therefore in violation of the statute of frauds. Its arguments were presented by Porter Chandler, of Davis, Polk, Wardwell, Gardiner & Reed. The plaintiffs' counsel, Henry Ward Beer, agreed that the defendant's contention was rendered untenable because performance under the contract had continued for eleven years. Justice Church agreed in this and held that the contract was valid and enforceable. Upholding this decision, the appellate division gave the defendant until March 13 to file its answer meeting the allegations on their merits.

American Products Company, pharmaceutical manufacturer, Cincinnati, is planning to expand operations at its Mason, Mich., plant, to allow it to manufacture oils, tooth pastes, plastic wood, cosmetics and pharmaceuticals.

Medicinal and toiletry importers, wholesalers, and commission merchants in Jamaica have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10 cents per copy.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Wholesale Drug Sales Off 2 Percent in 1938

Sales of drugs and drug sundries totaled $78.872,000 in 1938, a decline of 2 percent from 1937. December sales, however, showed an increase of 7 percent over the corresponding month in 1937. The cost value of wholesalers' stocks at the end of December was $11,-797,000, being 2.6 percent under cost value of stocks at the end of 1937.

Manufacturers' sales of pharmaceuticals and proprietary medicines declined approximately 7 percent in 1938, with twenty-six firms reporting volume of $19,906,000. During December sales increased 13 percent over December, 1937. Inventories amounted to $2,599,000 at the end of December, according to reports from twelve companies. This compared with $2,903,000 at the end of December, 1937. The total volume of accounts receivable at the start of December was $3,465,000.

Average daily sales of chain drug stores in December were 1.6 percent higher in December than in December, 1937. Reports from over 3,250 independent retail drug stores in twenty-seven states, indicate an increase of one percent in sales for December as compared with December, 1937.

Jergens Co. to Erect Plant in Belleville, N. J.

The Andrew Jergens Company, manufacturer of soaps and cosmetics, Cincinnati, has purchased thirty-nine acres of land in Beleville, N. J., for the erection of a $1,000,000 plant as its Eastern headquarters. The site, formerly owned by the Hendricks copper rolling mills, is located on Mill street, of which twenty-six acres are on the south side of the Second river and thirteen on the north side.

The Jergens company will use twenty-three acres on the south side for the plant and four acres on the north side for a parking area. As its part in the purchase of the site, the city of Belleville has agreed to buy nine remain acres on the north side, where it is planned to construct an overflow basin for flood-control purposes. Of the three remaining acres on the south side, the municipality will buy one acre to relocate Mill street and Essex county will buy the other two acres for extension of streets in Newark to Mill street.

Gelatin Data: 1938

Statistics on production and stocks, in pounds, of edible gelatin in 1938, compared with 1937, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data were reported by eleven manufacturers, operating eleven plants in Illinois, Massachusetts, Michigan, New Jersey, New York, and Wisconsin. Production amounted to 5,233.-554 pounds for the fourth quarter 1938, compared with 3,909,321 pounds for the third quarter 1938 and 5,991,836 pounds for the fourth quarter 1937. Stocks at the end of the fourth quarter of 1938 were reported as 8,003,566 pounds, as against 7,956,313 pounds at the end of the third quarter 1938, and 9,366,836 pounds at the end of the fourth quarter 1937. Statistics on imports and exports in 1938 and 1937, compiled by the Bureau of Foreign and Domestic Commerce of the Department of Commerce, are shown below:—

	Pounds	
	1938.	1937.
Production—		
First quarter	6,305,042	6,311,018
Second quarter	6,147,247	6,126,624
Third quarter	3,909,321	4,312,401
Fourth quarter	5,233,554	5,991,836
Stocks—		
First quarter	9,969,040	8,200,088
Second quarter	9,913,751	8,420,595
Third quarter	7,956,313	7,549,615
Fourth quarter	8,003,566	9,366,836
Imports—		
First quarter	1,342,780	1,756,469
Second quarter	810,559	1,484,451
Third quarter	812,383	1,835,868
Fourth quarter	610,620	1,472,042
Exports—		
First quarter	61,580	36,202
Second quarter	114,670	133,145
Third quarter	76,529	81,498
Fourth quarter	62,412	28,288

Dr. John J. McGinity, president of the Standard Pharmaceutical Corporation, Baltimore, who has been for some years chairman of the Board of Liquor License Commissioners for Baltimore City, is slated to be succeeded May 1 by Charles T. LeVines, 3d, assistant attorney general and long an associate of Governor Herbert R. O'Connor.

Whale Oil Dispute Lost by Government

OPD Washington Bureau
February 23, 1939

The Bureau of Marine Inspection and Navigation of the Department of Commerce has not yet decided whether to appeal from a decision February 9, by Judge Luther B. Way, of the U. S. District Court, in Norfolk, Va., holding that the coastwise navigation laws were not violated by the shipment of a cargo of whale oil from an American-flag factoryship to an American port.

The case involved 12,536 tons of whale oil landed in Norfolk in November, 1937, by the Norwegian-flag tankship, "Charles Racine." The cargo was loaded within the territorial waters of western Australia from the whaler, "Ulysses," owned by the Western Operating Company, New York. The decision stated that the company asked for a ruling on the legality of this practice, but the Department of Commerce delayed making a decision until November 13, 1937, when the "Charles Racine" was off the Virginia capes bound for Norfolk, and then held that the shipment violated the coastwise navigation act of 1920, which prohibits foreign-flag ships from transporting goods between two points in the United States.

The ship unloaded the whale oil at Norfolk and sought to list it as a foreign entry, but this was refused, so it made a coastwise entry under protest. The government libeled the cargo but released it under a bond of $250.000. During the trial of the case the government argued that, since the factoryship "Ulysses" was of American registry and subject to United States admiralty laws, she constituted a "point within the United States," and the shipment was therefore illegal under the coastwise laws. After citing many court decisions on admiralty, Judge Way declared that, while Congress could have made the coastwise law coextensive with the admiralty and maritime clauses of the constitution, it did not do so, and the phrase defining coastwise traffic as "between points in the United States" refers to definite, fixed, and permanent physical places, points, or locations.

The judge added that this decision is not in conflict with rulings of the Commissioner of Customs bearing on the subject.

Rukert Marine Fertilizer, Inc., is erecting a two-story structure at 2100 South Clinton, Baltimore, which will be known as Tidewater Terminal for foreign fertilizer mixtures. Rukert, Inc., will not engage in manufacturing operations, the new structure being used as a warehouse for the storage of foreign materials, and will have water and rail shipping facilities.

Corporation Earnings Recently Reported

	Period.	1938 Net income.	1938 Per share.	1937 Net income.	1937 Per share.
American Can Co	Year	$13,645,498	$4.35	$17,927,833	$6.08
American Chicle Co	Year	3,297,495	7.54	3,619,078	8.27
American Snuff Co	Year	1,654,984	3.32	1,572,682	3.13
Butte Copper & Zinc Co	Year	*19,047	0.03	101,329	0.17
Continental Can Co	Year	7,101,973	2.17	8,913,526	3.06
Dr. Pepper Co	Year	1,266,000	1.81	925,667	1.32
Jones & Laughlin Steel Corp	Year	*5,879,958	17.33	4,788,799	1.18
National Lead Co	Year	4,283,140	0.75	4,886,951	0.95
National Transit Co	Year	447,650	0.88	604,985	1.19
Norwich Pharmacal Co	Year	713,728	1.78	807,151	2.02
Owens-Illinois Glass Co	Year	5,383,805	2.02	9,351,627	3.51
Quaker State Oil Refining Corp	Year	527,610	0.57	1,029,250	1.11
Sharp & Dohme, Inc	Year	668,167	0.17	999,168	0.25
Standard Oil Co. of Kansas (Delaware)	Year	557,831	5.25	781,783	6.98
Union Oil Co. of California	Year	6,862,758	1.47	12,061,332	2.58
U. S. Gypsum Co	Year	4,725,497	3.50	5,421,010	4.08
Valspar Corp	Year	72,894	0.13	269,328	0.39

* Deficit.

Botanical Drugs, Spices, and Gums

Wild Cherry, White Pine and Sassafras Barks in Seasonal Demand —Many Items Show Price Strength in Replacement Markets —Good Spring Business Expected

A moderate improvement in consumer interest was reported in the botanical drug market last week. The gain was conservative in point of volume, but it was also fairly broad as far as the number of items that came under request. Undertones were distinctly steady, and prices on medicinal items held firm in most instances.

Articles having a very fair movement included elm bark, rhubarb root, white pine, wild cherry, and sassafras barks, vanilla beans, chamomile flowers, and nux vomica. All showed a substantial firmness in prices and all were the subject of substantial and entirely seasonal need on the part of buyers.

Reports concerning stocks unsold in primary markets indicated that most of such merchandise was being well maintained as to price. In most instances the unsold goods did not constitute an unwieldly tonnage likely to have adverse effect on crop collections and new crop prices when the 1939 gathering activities begin. Some items were in subnormal supply, and only lack of sustained buying has prevented prices from rising in the primary and spot markets.

Concerning the future, the local trade last week felt that Spring sales would probably run to fairly satisfactory totals. It was believed that raw material stocks have run down considerably, and hence replacement buying along liberal lines was expected to come with the Spring.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	391
Belladonna	...	...
Caraway	350	3,867
Cardamom (cases)	...	457
Celery	...	...
Coriander	...	1,651
Cumin	100	1,072
Digitalis leaves (cases)	...	...
Dill	...	212
Fennel	300	450
Henbane leaves (bales)	...	28
Mustard	...	3,227
Poppy	...	10,716
Sage leaves (bales)	...	883
Sesame	214	4,472
Stramonium (bales)	87	87
Thyme (bales)	...	88

Price Changes

Prices were changed during the past week as follows:—

Advanced

Caraway seed, ¾c. per lb.
Celery seed, French, ½c. per lb.
Indian, 1¼c. per lb.
Cumin seed, Algerian, ¼c. per lb.
Marjoram, French, ¼c. per lb.
Tunisan, ¼c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
Rapeseed, Dutch, black, ½c. per lb.
red, ¼c. per lb.
Japanese, ¼c. per lb.

Reduced

Cassia, Saigon, ¼c. per lb.
Laurel leaves, ½c. per lb.
Mace, Banda, ½c. per lb.
Batavia, 2c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Poppy seed, Dutch, ¼c. per lb.
Polish, ¼c. per lb.
Raspberries, dried, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.2	**119.2**	**118.6**	**133.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Jobbing business was reported the principal part of trade last week and in a quiet market prices remained fairly steady.

Fir. — Business was light. Buyers covered prompt needs only. Prices were reported to be about steady.

Barks

Cascara Sagrada. — The trade was awaiting early advices concerning peeling operations on the Pacific Coast. It was believed that a fairly good-sized carryover exists at present, and hence some doubt as to the policy of merchants with regard to prices existed locally.

Cinchona.—Stocks of USP red and yellow broken material were light, and offerings from the source were conservative. Hence spot prices remained very firm.

Elm.—Demand was fairly active, and contributed considerable strength to market undertones. Quotations were very steady and not much competition was reported.

White Pine. — Demand was reported very fair on the whole, and, since the season has been favorable for consumption of many manufactured products based on this item, the situation was firm.

Wild Cherry. — Movement showed some improvement, and it was figured that by the close of the active consuming season the total volume of trade would reflect the fully steady prices ruling now.

Beans

Vanilla.—The advance reported in the previous week was fully maintained, and conditions suggested that high prices would continue to prevail for a substantial period of time. Small world stocks exist to meet a substantial world demand, and hence everything is set against any early movement of values in favor of the consumer. Demand was good last week.

Berries

Juniper.—Firm prices were reported, and steady undertones prevailed. Demand was routine and little changed from the steady sort recently noted.

Raspberries. — Prices were reduced further, making the market 28c. to 30c. per pound, as to seller. Weakness and price decline has featured the market for some weeks. Conditions were still favorable to buyers.

Flowers

Chamomile. — Some inquiries for Roman flowers reached here from Canada, but not much domestic interest was shown. Hungarian flowers moved in somewhat larger quantities, the gain being of seasonal importance.

Mullein.—Certain manufacturers replaced stocks of raw material in a fairly liberal way, and the business resulted in undertones becoming generally firmer and in prices being more steadily maintained.

Poppy.—Some dealers have been short on spot stocks and recently bought locally to complete orders. Those with unsold stocks in hand recently revalued them sharply and last week they maintained $1.50 as a minimum price for round lots.

Pyrethrum.—The market was strong in Japan and on spot. All price advances were retained last week and everything pointed to continued strength since the season of expanding consumption was almost at hand.

Saffron.—Spanish flowers were easier but no lower. The easier tone resulted mainly from lack of much demand. Stocks were moderate. Mexican flowers were not better than steady; prices held.

Gums

Arabic.—Demand improved slightly, but in the main the market failed to show much change from that recently prevailing. Prices remained unchanged and distinctly favorable for buyers.

Benzoin.—Seasonal demand was moderately good and prices appeared to be generally more steady. No great surplus of stock was held on spot, yet the reserve seemed sufficient for probable needs.

Camphor.—Imports into Canada during the three months ended June, 1938, dropped to 12,911 pounds from 38,948 pounds in the corresponding period in 1937. During the specified three months in 1938, the United States exported, but twenty pounds to Canada, against seventeen pounds in the same period, 1937. Canada bought 9,500 pounds from Germany, and 400 pounds from Japan during the period in 1938; 1937, from Germany, 26,900 pounds and from Japan, 2,700 pounds.

Myrrh.—Inquiry and sales were very good. The market seemed well supplied at fairly attractive prices. Replacement cost was steady.

Sandarac.—Jobbing trade made up the bulk of request and the total was inconsiderable. Prices were quiet but reasonably steady.

Herbs and Leaves

Belladonna.—Firm prices and light to fair demand were the rule. Replacement cost was well maintained abroad. Local reserves were moderate.

Buchu.—Although demand of late has been restricted to small but fairly urgent needs, absence of a larger requirement has not been reflected on prices. Quotations last week were about steady in the absence of competition.

Laurel.—Prices were shaded to 3½c. to 4c. per pound, the result of considerable competition in local circles. However, replacement cost served to place a floor under prices at that level and maintenance of a steady position was expected.

Marjoram.—French was advanced further to 17¼c. to 17⅝c. per pound, while Tunisan at 16¼c. to 16⅝c. per pound was also a higher market. The foreign markets showed strength.

Senna.—Consumption was said to be running to fair sized totals and the contribution of firmness to prevailing prices was pronounced. The general situation was suggestive of a well maintained market in the future.

Miscellaneous

Colocynth Pulp. — Competition was keen and prices were easy, but there was a lack of further decline in spot quotations. Possible demand was insufficient to keep up the trend in favor of buyers.

Ergot.—The market abroad continued to be substantially firm while that on spot just about held its own with the emphasis, if any, being on the side of strength. Business was conservative in size and while a fair number of small sales were noted, large transactions were unusual.

Manna.—With foreign prices holding very well, those on spot were reasonably steady notwithstanding the absence of much more than conservative request for either variety of the material. Reserves at home and abroad were of fair size.

Nux Vomica.—Strychnine manufacturers have been consuming important quantities of this raw material in preparation for the enlarged demand for the derived product during the agricultural season directly ahead. Prices were firm.

Papain.—Although competition was keen, most business went through last week on the basis of $1.10 per pound as a minimum quotation. However, competition was unquestionably active.

Roots

Belladonna.—Cables revealed a very firm foreign market that was backed by stocks not exceptional in size. Local quotations reflected the foreign situation in most respects, and they also received support from a very fair demand from consumers.

Cube. — Importations, variously described as crude timbo or barbasco root, totaled 590,854 pounds in 1938, of which quantity 476,760 pounds came from Peru; 53,115 pounds from Venezuela, and 58,979 pounds from Brazil. This compared with the 1937 total of 576,151 pounds, divided as follows:—From Peru, 378,259 pounds; from Brazil, 197,892 pounds.

Derris.—Imports of this article into the United States in 1938 totaled 742,661 pounds, of which 583,035 pounds came from British Malaya. The balance came from two other countries. In 1937 the total importation was 572,652 pounds, of which 401,975 pounds came from British Malaya and the balance from five other foreign sources.

Ginseng.—Exports were larger in 1938. In that year China took 167,255 pounds, comparing with 136,644 pounds in 1937. The latter was the smallest export to China in the last five years.

Seeds

Caraway.—Prices were a shade lower at 7½c. to 8c. per pound. However, the foreign market was reported very active and showing strength. Crop damage estimated run from 25 percent to 50 percent.

Celery.—French was higher at 15c. to 15½c. per pound. Indian was up to 12½c. to 13c. The local market reflected rise abroad.

Cumin. — Good quality merchandise

—*Continued on page 44*

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Whatever you put into it!

It costs just as much to manufacture a low-test preparation as a high-test product. **And, in the last analysis, your name is judged by what you make it mean to the public. In purchasing the Botanical Crude Drug ingredients that go into your product, the most unalterably important thing you must consider is—*uniformity of quality*. If you choose not to compromise with this ideal, if you must be absolutely certain of your source of supply and the quality you can dependably expect from it, look into our facilities for meeting your strictest requirements. We have invested nearly 50 fruitful years in checking ourselves against your specifications. *Samples and quotations on request.***

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Butylmercaptan

Lubricant

Antioxidant (Brit. 462793)
Starting point (Brit. 462793) in making—
Addition agents for high-pressure lubricants, with—
Antimony chloride
Cadmium butyrate
Cupro-acetylacetone
Cuprous chloride, bromide, or iodide
Cupro-rhodamide
Nickel oleate
Silver azide, or chloride
Stannic chloride

Cetoxymethylpyridinium Oxalate

Paper

Conferrer (Brit. 472389) of—
Water-repellent properties to paper sized with starch or starch-containing compositions

Textile

Conferrer (Brit. 472389) of—
Water-repellent properties to fabrics, yarns, films of cellulosic materials, and other materials sized with starch or starch-containing compositions

---

Diethyleneglycol Monobutylether Acetate

(Butyl Carbitol Acetate)

Cellulose Products

High-boiling solvent and plasticizer for—
Nitrocellulose
Solvent which has—
Xylene nitrocellulose dilution ratio of 1:8

Ceramic

Solvent in—
Compositions, containing nitrocellulose, used as coatings for protecting and decorating ceramic products

Chemical

High-boiling solvent for—
Nitrocellulose Oils
Gums Resins
Solvent which is—
Water-insoluble
Miscible with most organic solvents and liquids

Cosmetic

Solvent and plasticizer in—
Nail enamels and lacquers containing nitrocellulose as a base material

Electrical

Solvent and plasticizer in—
Insulating compositions, containing nitrocellulose, resins, gums, used for covering wire and in making electrical machinery and equipment

Glass

Solvent and plasticizer in—
Compositions, containing nitrocellulose, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Solvent and plasticizer in—
Adhesive compositions containing nitrocellulose, resins, gums

Gums

Solvent for various gums

Leather

Solvent and plasticizer in—
Compositions, containing nitrocellulose, resins, gums, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metal Fabrication

Solvent and plasticizer in—
Coating compositions, containing nitrocellulose, resins, gums, used for protecting and decorating metallic articles

Miscellaneous

Solvent and plasticizer in—
Coating compositions, containing nitrocellulose, resins, gums, used for protecting and decorating various products

Paint and Varnish

High-boiling solvent and plasticizer in—
Paints, varnishes, lacquers, enamels, and dopes containing nitrocellulose, resins, gums, oils

Solvent for—
Gums Oils
Nitrocellulose Resins

Paper

Solvent and plasticizer in—
Compositions, containing nitrocellulose, resins, gums, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Solvent in making—
Films from nitrocellulose

Plastics

Solvent and plasticizer in making—
Laminated fiber products
Molded products
Plastics from nitrocellulose, resins, and other materials

Resins

Solvent for—
Resin-cellulose derivative compositions

Rubber

Solvent and plasticizer in—
Compositions, containing nitrocellulose, resins, gums, used as coatings for decorating and protecting rubber products

Stone

Solvent and plasticizer in—
Coating compositions, containing nitrocellulose, resins, gums, used for decorating and protecting artificial and natural stone

Textile

Solvent and plasticizer in—
Compositions, containing nitrocellulose, resins, gums, used in the manufacture of coated fabrics

Wood

Solvent and plasticizer in—
Compositions, containing nitrocellulose, resins, gums, used as protective and decorative coatings on woodwork
Plastic compositions, containing nitrocellulose, resins, gums, used for many filling and repairing purposes on wood

---

Lecithin

(Lecithin is one of the natural phosphatides, substances which are related to both fats and proteins; its chemical constitution is not fixed but depends on the source from which it is derived. Three kinds, or types, of lecithin are available—egg lecithin, animal (brain and nerve) lecithin, and vegetable (soybean) lecithin; egg lecithin is mostly used by the pharmaceutical industry, while soybean lecithin appears most adaptable for technical purposes; that derived from animal sources does not seem to have made much headway in commercial application.)

(Eidotterfett, Eidotterlezithin, Gehirnlezithin, Lecithine, Lecithine de Cerveau, Lecithine de Jaune d'Oeuf, Lecithine de Soya, Lezithin, Sojabohnenlezithin, Sojalezithin, Tierlezithin)

Chemical

Starting point in making—
Emulsions (used in conjunction with a suitable colloid stabilizer)

Dairy

Antioxidant for—
Butter Cheese
Improver of—
Emulsifying capacity in milk concentrating
Oxidation resistance of milk in concentrating processes
Preventer of—
Crumbling of cheese during ripening process

Fats and Oils

Antioxidant for—
Margarin
Vegetable oils, where autoxidation is catalyzed by an active metal
Imparter of—
Properties to margarine more nearly resembling those of butter, particularly those of browning on frying and not spurting in cooking
Ingredient of—
Frying fats
Lard substitutes
Margarins
Promoter of—
More uniform distribution of the water in the batch in margarin manufacture
Substitute for—
Egg yolk in margarin

Food

Antioxidant for—
Butter
Butter substitutes
Cheese
Fats
Oils, where autoxidation is catalyzed by an active metal
Imparter of—
Fineness of pore size to bread
Properties to margarin more nearly resembling those of butter, particularly those of browning on frying and of not spurting in cooking
Uniformity of pore size to bread
Ingredient of—
Frying fats
Lard substitutes
Margarins
Preventer of—
Crumbling of cheese during ripening processes
Promoter of—
Better keeping properties in finished chocolate
Better keeping properties in finished bread
Fluidity in chocolate liquors, pastes, and batches
More uniform distribution of the water in the batch in margarin manufacture
Smooth and uniform incorporation of the ingredients in chocolate mixes
Volume increase in bread
Reducer of—
Cacao butter proportion in chocolate mixes
Chocolate spucing
Hard fat proportion in chocolate mixes
Surface tension and viscosity of chocolate and cacao butter
Substitute for—
Egg yolk

Leather

Imparter of—
Penetrating properties to solutions and liquors used in leather processing
Ingredient of—
Fat-liquoring compositions
Lubricant in processing
Promoter of—
Desirable handling effects in finished leather
Softness in finished leather
Reducer of—
Superfatting in processing leather

Miscellaneous

Ingredient (U.S. 1511874) of—
Protective agent against—
Fluorescent substances
Photochemical processes
Ultraviolet rays
X-rays
Starting point in making—
Emulsions (used in conjunction with a suitable colloid stabilizer)
Wetting agent

Paint and Varnish

Emulsifying agent (Germ. 524118) in—
Lacquers
Water color paints and distempers
Protective colloid (Germ. 545860) in—
Casein paints
Nitrocellulose lacquers
Promoter of—
Quick dispersion and suspension of pigments in paints on stirring

Petroleum

Retarder (Brit. 409353) of—
Gum formation in gasoline

Pharmaceutical

In compounding and dispensing practice

Rubber

Accelerator in—
Vulcanizing processes
Dispersing and incorporating agent for—
Carbon black in rubber batches
Zinc oxide in rubber batches
Promoter of—
Sponge-cake formation of rubber on milling
Softener in—
Rubber batches
Starting point (Brit. 447256) in making—
Vulcanizing accelerators by heating with higher fatty acids, or their salts, or mixtures thereof (excepting salts of manganese, copper, cobalt, and nickel)

Soap

Rancidity preventer in—
Toilet soaps (used with methyl hydroxybenzoate)

Textile

Accelerator in—
Wetting out operations
Augmenter of—
Color brilliancy
Dye penetration
Softness in the handle or feel of goods
Preventer (U.S. 2020496) of—
Premature oxidation during dyeing processes with sulphur, carbazole, or vat dyes
Promoter of—
Efficiency of detergent operations
Evenness in dyeing operations
Process material in—
Spinning Weaving
Wetting agent in—
Dyeing processes
Kier boiling cotton (the final product is said to have a brilliancy not otherwise obtained
Washing and cleaning operations

Methylene Thiocyanate

Paper

Inhibitor (Brit. 466877) of—
Deterioration of paper through the action of light or during storage

---

Methyloxyethylparaphenylenediamine

Photographic

Developing agent (Brit. 460580)

Trinaphthylpyridinium Phosphate

Lubricant

Starting point (Brit. 457548) in making—
High-pressure lubricants, diemaking lubricants, boring, drilling, cutting, and wire-drawing oils by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal

Essential Oils, Aromatic Chemicals

Peppermint Very Firm in Country—Wormwood Shows Continued Strength—Anise and Cassia Steady—Lemon and Orange Demand Expected to Broaden—Nutmeg Holds

Business was fairly good in some divisions of the essential oil and aromatic chemical market, but in others it was restricted to a jobbing basis that built little more than a conservative total of trade by the close of the past week. Buyers continued to restrict their orders to quantities little in excess of immediate manufacturing requirements. Pricewise, the market occupied a very steady position, in spite of the absence of larger demand.

Domestic oils were distinctly steady. Almost without exception prices showed real strength, regardless of the current call for immediate deliveries. The strength in most instances was caused by the very conservative unsold stocks in first hands. With some months to go before new crops come on the market, holders took a firm view on values and maintained their ideas fully.

Imported merchandise was also fairly steady in primary markets. However, with minor exceptions it proved possible to place bids successfully, though the shading of first hands' cabled prices were never very substantial. Local quotations on imported goods were generally well maintained.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.5	69.5	68.7	76.8

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amyris. — Demand was very small and on the whole was strictly jobbing in character. Stocks were also small, and distribution was restricted to not more than two holders.

Anise.—Prices were reported distinctly firm because of the replacement position of this article. Recent advances in shipment quotations were fully maintained. Locally demand was rather narrow, but competition was possibly a shade less active than it had been.

Bay. — Replacement quotations were firm and well maintained, but interest in shipment goods did not appear to be substantial last week. Spot stocks cared readily for the moderate demand prevailing.

Bergamot.—Small orders were fairly numerous, but on the whole the call covered only prompt requirements, and hence volume was not very large. Prices remained in well-stabilized position.

Birch Tar. — Rectified material held very firm, and sellers were slightly reserved in their offerings. Crude was very steady in price, and the supply was moderate in size and held in firm hands.

Camphor. — The virtually nominal market prevailing for some months was unrelieved. Stocks were scarce and competition has disappeared entirely from the spot. Inability to replace in normal fashion has been due to stringent control of the article by official agencies in Japan.

Cinnamon.—Exports of leaf oil in 1938 totaled 2,775,028 ounces, according to the United States consul at Colombo, Ceylon. Replacement cables showed values to be steady at the source. Demand for import parcels was not very active.

Citronella.—The total of exports of this oil from Ceylon was 1,603,890 pound in 1938, according to the United States consul at Colombo, Ceylon. Prices cabled from the Far East last week failed to attract buyers' attention because of the fact that values were above those at which Java oil was obtainable. Local quotations were generally easy in a rather competitive market.

Clove.—Producers held firm prices to be in line with the replacement cost of raw material. In fact, they said that spot quotations should be higher and would be were it not for the general lack of demand exceeding hand-to-mouth proportions.

Eucalyptus.—Trade was very fair in volume, and some sellers declared that it was an improvement over the call reaching them of late. Prices seemed to have gained in firmness, and throughout the past week no tendency toward shading was reported.

Geranium.—Jobbing business was fairly good, but little tendency to exceed such request was noted among the leading manufacturing consumers. In fact, it appeared probable that most users were carrying a very fair-sized reserve supply of this raw material. Prices were steady.

Ginger.—The undertone was steadier. Prices seemed less subject to shading, and sellers were more disposed to resist the attempt of buyer to place orders on the basis of their bids. Raw material costs were very low and not likely to decline much further.

Lavender.—High-test goods moved in remarkably good volume, and usually at full prices, last week. Low-test merchandise was in occasional request, but in the main trade was slack, though prices were held steady. Stocks in the hands of dealers were ample.

Lemon.—A lift in demand for domestic oil was believed to be the forerunner of good trade during the Spring months. Prices were low and very attractive, in addition to being well stabilized and backed by stocks sufficient to care for all home requirements during the months ahead. Messina oil was firm, but its movement was hampered by the fact that California oil was available at fully 60c. per pound less than the product of Italy.

Lime.—Trade was slack. Buyers covered only their nearby needs, and such requirements were conservative in size throughout the past week. Prices failed to weaken further on spot, though they were comparatively easy at very low levels.

Mustard.—The artificial article moved steadily in small lots at firm prices. Stocks were not excessive in size, but they were also fully sufficient to cover any reasonable increase in buyers' commitments.

Nutmeg.—Quotations seemed to be slightly steadier than they were during the decline in the previous trading period. Sellers maintained values fully and showed no disposition to accept buyers' bids. A fair but hardly expansive movement into consumption was noted.

Orange.—Signs pointed to a probable increase in sales when manufacturing consumers cover their Spring manufacturing requirements. Actual needs were said to probably be larger than some have estimated, and a very good season for consumption of California oil was expected to be the result of the very low and entirely stable price on that material.

Peppermint.—Western holders of unsold stocks were very firm in their views, even though sales were found to be comparatively light. They viewed prices as being far too low when the comparatively small carryover stock was totaled. Reports also indicated that they believe actual consuming requirements will force the development of more liberal buying in the not far distant future. Locally, not much trading was reported, but prices held very steady.

Pineneedle. — Spot quotations continued not to reflect the higher replacement cost reported during the previous trading period. Demand remained sufficiently light to permit competition to check the upward tendency that ordinarily would have accompanied the rise in shipment values at the source.

Wormwood.—Values were very firm on spot and in the primary market. Stocks unsold in the country were comparatively small and were held in strong hands. The expectation was for good demand during the Spring months.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Aromatic Chemicals

Amyl Salicylate.—A well stabilized market prevailed on the spot. The stabilization appeared in demand as well as price and general conditions were considered to be reasonably satisfactory.

Cinnamic Alcohol. — Jobbing call made up the bulk of request last week and the total of trade was not very large. However, competition was not very aggressive and open quotations lacked quotable change.

Cinnamic Aldehyde.—The pure article had a very good call and undertones were generally steadier on spot by the close of last week. Stocks were

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reported ample to care for continuation of a more active consumption of this material.

Ethyl Cinnamate.—Trade was slow. Buyers bought only as actual need forced them to the market and consequently the total volume of sales was not very great. Business during the period, however, was done on the basis of exceptionally steady prices.

Ethyl Vanillin.—Plentiful stocks were reported and in the main price levels were still distinctly attractive to manufacturing consumers. Competition continued to be generally keen.

Eucalyptol.—A broader request accounted for a firmer spot market for this article. Values were well maintained and sellers were little disposed to accept bids. Stocks were not unduly large.

Eugenol.—The market was steady, but no more active than it had been in recent weeks. The general situation was one of price sturdiness and stability. Competition was negligably a part of most transactions on spot during the week under review.

Linalyl Acetate.—The call was slightly better. More orders were in the market and quantities required were said to have increased in size moderately. Undertones were very steady, and prices held generally firm on the spot.

Trade Briefs

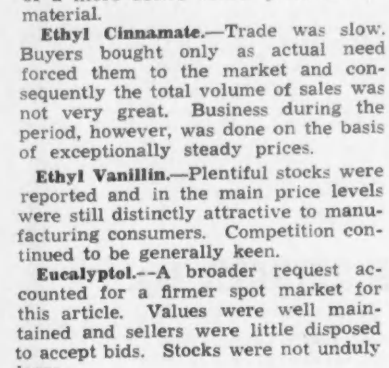
Stewart M. Beekman has joined the sales organization of the Schofield-Donald Company, magnesia, this city. Mr. Beekman is a graduate of the Polytechnic Institute of Brooklyn, class of 1937, and comes to Schofield-Donald from the technical staff of Arbuckle Brothers, sugar refiners.

Percy C. Magnus, president of Magnus, Mabee & Reynard, essential oils and aromatics, this city, is aboard the steamship Washington bound for California by way of the Panama canal. Mr. Magnus will return to this city by rail, making stopovers in the various industrial centers of the country and probably arriving here March 7.

Acetylene Ass'n to Meet In Houston Mar. 8-10

Developments of the oxy-acetylene welding and cutting processes and their value to the industry will be the main topics of discussion at the thirty-ninth annual meeting of the International Acetylene Association, to be held in Houston, Tex., March 8-10. Features will include a talk by J. W. Evans, vice-president of the United States Chamber of Commerce; the address of Elmer H. Smith as president of the association, the presentation of the Morehead Medal, and the election of officers.

Technical papers to be presented include:—"Uses of the Oxy-Acetylene Process in the Petroleum Refineries," by Henry Jouette, of the Magnolia Petroleum Company, Beaumont, Tex.; "Oxy-Acetylene Welding of High-Pressure Piping," by A. N. Kugler, of the Air Reduction Company, New York, and "Agricultural Uses of Welding and Cutting," by Mills P. Bryon, of the Agricultural Experiment Station, College Station, Tex.



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Botanical Drugs

Seeds

—*Continued from page* 41

brought 8½c. to 8⅞c. per pound. Reports indicated that some poor quality was being pushed at sacrifice prices on spot.

Poppy.—Prices were off a small fraction to 9½c. to 10c. per pound from the Dutch seed. Polish was inside at 9½c. and was tops at 9¾c.

Rape.—Black Dutch seed was up fractionally to 6½c. to 7c. per pound, and the red was also higher at 7c. to 7½c. Japanese seed rose to 6¼c. to 6⅝c.

Spices

Cassia.—Batavia held firm at the recently established level. Buds were firmer at 15½c. to 16c. Saigon was shaded to 17c. to 18c. China grades lacked price development. If no large quantities come out of China in the next three months, a tight situation on spot was forecast.

Clove.—Quotations were distinctly firm in all directions, and prices lacked any pressure to be attributed to local competition. Movement out of local stocks were not very substantial.

Mace.—The decline was extended. Banda was down to 48c. to 49c. per pound, and Batavia was off to the basis of 31c. to 32c. Siauw lacked quotable change. The market was very competitive.

Paprika.—Price movements have ceased and a steadier tone developed. Portuguese material of very fair quality continued to seek a market in this country. Hungary had practically nothing to offer for export.

Peppers.—Black Lampong declined to 4c. to 4⅜c. per pound. White Java Muntok was up a fraction to 7½c. to 8c. Red peppers held free from change.

Trading in black pepper futures on the New York Produce Exchange from February 18 to February 24, inclusive, comprised 311 contracts, a total of 10,449,600 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close
January	4.29	4.17	4.29@4.31
March	3.81	3.58	3.80@3.89
May	3.92	3.73	3.91@3.93
July	4.02	3.85	4.01@4.03
September	4.11	4.05	4.10@4.12
October	4.17	4.05	4.15@4.17
November	4.18	4.18	4.19@4.21
December	4.25	4.18	4.25 sale

Obituaries

—*Continued from page* 25

Adolph Scholler, vice-president and treasurer of Scholler Brothers, Inc., manufacturer of oils for the textile and other industries, died unexpectedly February 12. He was fifty-five years of age. Surviving are a sister and a brother, Fred. A., who was associated with him in business.

E. P. Shove, vice-president of the Consolidated Gold Mining & Milling Company, died in Colorado February 17.

John R. Wettstein, former president of the United Lead Company and director of the National Lead Company, died in his home in Glendale, Calif., February 11. He was seventy-one years old. Mr. Wettstein retired from his positions with both companies when the National Lead assumed control of the smaller organization about ten years ago.

Mrs. Clarence C. Whiting, mother of George A. Whiting, president of the Standard Wholesale Phosphate & Acid Works, Baltimore, died February 21 in her home in Roland Park, a suburb of that city. She was eighty-one years of age. In addition to her son, surviving are her husband, who has long been a broker in fertilizer materials in that city; another son, G. W. C. Whiting, and a daughter.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Two-hundred-sixty-sixth Instalment

Minerals

Reagents Used in Separation of Minerals

(*Continued from February 20 issue*)

Turpentine
Turpentine with pine oil or pinetar oil
Utinal HC
Vegetable acids
Watergas, carburated
Watergas-tar
Whale oil
Wood acids
Wood-distillation oil
Wood oil
Wood pitch
Woodtar
Woodtar creosote
Woodtar oil
Woodtar pitch
Xanthate derivatives
Xanthates
Xanthic acid
Xyleneazobetanaphthol
Xylidin
Xylylazo-2-naphthol
Zinc chloride with fats or oils
Zinc dithiocarbamates
Zinc 1-naphthyldithiocarbamate
Zinc sulphate
Zinc sulphide
Zinc xanthates

Reagents Used for Dressing Ores

Cyanides
Sodium bichromate
Sodium silicate
Sodium sulphite
Zinc sulphate

Reagents Used for Activating Mineral Flotation Processes

Copper sulphate
2:4-Dinitrophenyl-5-chloromercaptobenzothiazole
2:4-Dinitrophenyl-4-nitro-5-chloromercaptobenzothiazole
2:4-Dinitrophenyl-4-nitromercaptobenzothiazole
Dodecyl alcohol reacted with pyridin and sulphuric acid
Laurylpyridinium sulphate

Reagent Used for Sulphidizing Ores

Sodium sulphide

Scale of Hardness of Minerals

(Arranged according to increasing hardness)

Talc
Gypsum
Calcite
Fluorite
Apatite
Orthoclase
Quartz
Topaz
Corundum
Diamond

Suspending Mediums for Minerals

Acacia
Agar
Albumen
Benzylcellulose
Benzylstarch
Carragheen ethylether
Carragheen methylether
Cellulose
Cellulose ethers
Dextrin ether
Ethylcellulose
Ethyldextrin
Ethylstarch
Gelatin
Glue
Gluten
Gums
Inulin ethylether
Inulin methylether
Lichenin ethylether
Lichenin methylether
Methylcellulose
Methyldextrin
Methylstarch
Mucilages
Naphthalenedisulphonic acid
Naphthaldisulphonic acid
Nucleinic acids
Olein soaps
Peptones
Polysaccharide ethers
Polysaccharides
Potash soaps
Potash-olein soaps
Proteids
Proteins
Saponin
Sicapon
Soaps
Talc
Tannin
Tragacanth

Mineral Waxes

Adulterants in Mineral Waxes

Candelilla wax
Carnauba wax
Ceresin (in others)
Chinese wax
Japan wax
Montan wax (in others)
Paraffin (in others)
Stearin
Tallow

Bleaching Agents for Mineral Waxes

Albone
Alkalies and metallic salts of alkalies
Ammonium persulphate
Barium peroxide
Benzoyl peroxide
Caproyl peroxide
Chlorine
Chromic acid
Ferrous sulphate
Hydrogen peroxide
Lead acetate, basic
Lead sulphate
Manganese lionleate
Magnesium peroxide
Nitric acid plus potassium chlorate
Ozone
Phthalyl peroxide
Potassium bichromate plus sulphuric acid
Potassium permanganate plus sulphuric acid
Silicic acid
Sodium bichromate
Sodium perborate
Valeryl peroxide with hydrogen peroxide

Coloring Agents for Mineral Waxes

1-Amino-2-brom-para-toluidinoanthraquinone
1-Amino-2-methyl-4-para-toluidinoanthraquinone
1-Amino-4-oxyanthraquinone
Beta-aminoanthraquinone
1:5-Dioxy-4:8-diaminoanthraquinone
1:8-Diparatoluidinoanthraquinone

Emulsifiers for Mineral Waxes

Acacia
Acenaphthalenedisulphonic acid
Albumen
Algin
Alginates
Alkali salt of palmitylparatoluenesulphonimide
Alkali salt of sterylbenzenesulphonimide
Alkali-earth salt of palmitylparatoluenesulphonimide
Alkali-earth salt of sterylbenezenesulphonimide
Alkali-sludge sulphonate
Alkyl etheral phathiosulphonic acids and their salts
Alkyl ricinoleates
Alphadiethylaminobetaoxypropylamine
Ammonium linoleate
Ammonium salt of palmitylparatoluenesulphonimide
Ammonium salt of sterylbenzenesulphonimide
Ammonium tannate
Amylamines
Amyltetrahydronaphthalenecarboxylic acid
Animal and vegetable colloidal substances
Anthracenesulphonic acid
Bardex
Bardol
Bentonite
Butyl acetylricinoleate
Butyl ester of acetylated polymerized ricinoleic acid
Butyl ester of polymerized ricinoleic acid
Butyl ricinoleate
Cadamine
Calcium salt of palmitylparatoluenesulphonimide
Calcium salt of sterylbenzenesulphonimide
Casein solutions
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil, sulphonated
Colloidal clay
Diamylamines
Diethylaminobetaoxypropylamine
Diethylbenzylethylenediamines
Diethylethylenediamine, asymmetrical
Digylcol stearate
Emulsone B
Emulsone B 585
Ethanolamine
Ethyl acetylricinoleate
Ethyl ester of acetylated polymerized ricinoleic acid
Ethyl ester of polymerized ricinoleic acid
Ethyl ricinoleate
Gelatin
Glycol stearate
Glycopon
Glue
Gums
Hemicellulose
Invadine N
Irish moss
Lecithins
Meta-aminodimethylanilin
Methyl acetylricinoleate
Methyl ester of acetylated polymerized ricinoleic acid
Methyl ester of polymerized ricinoleic acid
Methyl oleicsulphonate
Methyl ricinoleate
Methyl undecylinate
Methylethyleneglycol monopalmitate
Methylhexalin
Miscibol
Monobutylnaphthalenesulphonic acid
Naphtha oil sulphonic acid
Naphthenic sulpho acids
Oleic acid
Olein
Peptide
Pectin
Pectone
Potassium heptylnaphthalenesulphonate
Potassium oleoabietate
Potassium salt of sterylbenzenesulphonimide
Polyglycerol
Polysaccharides
Ricinoleic acid
Rosin oil soap
Saponin
Sludge sulphate
Sludge sulphonic acid

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Most Products Unchanged—Gasoline Sluggish, Fuel Oils Firm—U.S. Oil Reserves Greater Than 1938—I.C.C. to Investigate Proposed Reduction of Transportation Rates in South

Despite the easiness in prices for some products it was the consensus of leading oil dealers that the present price structure for crude oil generally will be maintained for the next few months. Crude oil prices were out of line with those for refined products and the strictly refining organizations were operating at a loss. The industry was hopeful that, with the advent of the heavy consuming season for gasoline, this price disparity will be corrected.

The market for most of the refined products failed to change from the previous week. Gasoline was still sluggish while fuel oils and waxes were firm. Outside of New York, however, the gasoline market seemed to be on the upgrade, while all other products were in a firm position.

The Interstate Commerce Commission has suspended several sets of proposed tariffs for transportation of petroleum in less than car load lots by both rail and truck in Southern territory, and has ordered an investigation of the entire subject with a hearing set for March 7 in Washington. The tariffs propose drastic reductions in rates, some of them ranging as high as 50 percent. The carriers say the reductions result from competition between railroads and trucks.

The American Petroleum Institute estimated proved reserves of crude oil in the United States as of the beginning of this year to total 17,348,146,000 barrels, which is 1,840,878,000 barrels greater than the proved reserves on January 1, 1938. Petroleum exports from the Russian Black Sea ports passing Istanbul, Turkey, during 1938, compared with such shipments in 1937, declined from 1,552,726 tons to 930,541 tons.

The daily average production of crude oil in the United States for the week ended February 12 totaled 3,324,300 barrels, an increase of 40,600 barrels from the preceding week's figure, according to the American Petroleum Institute. Daily average production for the four weeks ended February 18 was 3,324,550 barrels. Reports from companies controlling 85.8 percent of the nation's refining capacity indicated that the industry as a whole ran to stills 3,125,000 barrels of crude oil daily during the week ended February 18 and that all companies had in storage at refineries, bulk terminals, in transit and in pipe lines, as of that week, 83,075,000 barrels of finished and unfinished gasoline, 23,747,000 barrels of gas and distillate fuel oil, and 111,349,000 barrels of heavy fuel oil.

Solvents and Diluents

The market was reported unchanged from the previous week and still fairly firm. A similar situation was reported in other sections of the country. A pick-up in demand was expected during the next month.

Cleaners' Naphtha. — Spot business fell off in a small way, but the tone of the market continued strong.

Stoddard Solvent.—Ruling prices remained at the levels quoted for the previous week. Demand was firm.

Rubber Solvent. — Revived demand continued to be felt, although the price showed no tendency to be changed.

Petroleum Thinners.—The tone of the market strengthened, although only small increases in sales were registered. The price was firm.

V. M. & P. Naphthas.—Stocks moved into consumption at a satisfactory rate.

Markets at Other Centers

Chicago, Feb. 23.—Purchases of various grades of petroleum diluents and solvents have been holding up in comparison with the totals recorded in earlier periods, so that the tone of the market as a whole is steady. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tank wagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tank wagon; V.M.&P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tank wagon.

Tulsa, Feb. 23.—Industrial demand continues very strong and prices are steady to firm. All grades are in more inquiry and the Stoddard, Light cleaners and V.M.&P. are unchanged.

Lighter Fractions

Continued accelerated purchasing last week again brought satisfaction to producers. No price changes were made although on the whole they became firmer.

Butanes.—The market held the gains it had made the previous week as demand increased slightly.

Octanes.—This mixture made no further advances, but the producers were still satisfied with movement of stocks.

Petrolatums and Waxes

Refined waxes were steady with offerings limited for both refined and crude. Prices were firm.

White Mineral Oils.—No further increases in sales were noted last week although the market for both the domestic and imported products held an even position.

Paraffin Waxes.—The market continued strong although no price changes were made. Demand and inquiry both held up.

CHICAGO, Feb. 23.—The market for refined petroleum wax is reported holding fairly steady, with little feature. Orders have been attaining a fairly good volume, while inquiries are being received in such a way as to indicate continued mild interest on the part of buyers. Stocks are causing some concern. Ruling prices are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, Feb. 23.—PARAFFINE—A strong demand continues and prices are very firm at 2½ cents a pound for the 124-26 degree grade American crude. The export demand is also very strong.

Petrolatum.—The price schedule was well maintained as a few gains in the number of demands were reported.

Fuels and Lubricants

The feature of the market was a reduction in the tankcar price of kerosene at Albany. Kerosene, heating oils and heavy fuel oils were reported in a firmer position last week. The gasoline market was sluggish.

The State of the Petroleum Market

There were no changes in the listed prices for either crude oil or gasoline last week.

	Feb. 25	Feb. 18	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.135	$1.135	$1.322
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0478125	.048125

Market Conditions

Gasoline.—The undertone of the market was reported easy. Demand was slack. Prices were unchanged.

Kerosene.—The price of the water white material was reduced ⅛c. per gallon in tankcars at Albany to a new level of 4⅞c. per gallon. Prices locally also weakened slightly but were not changed.

Fuel and Gas Oils.—The domestic heating oils market showed a firmer appearance. The demand for spot deliveries increased and there was less of a tendency on the part of sellers to shade prices. Grade C Bunker fuel oil was in fair demand at the quoted price. The demand for No. 6 fuel oil was more active and the price structure appeared to be in better shape.

Lubricating Oil.—This product continued to hold a strong position although no noticeable increases in demand were reported.

Markets at Other Centers

Chicago, Feb. 23.—The tankcar gasoline market is continuing to get into an improved position, with a tighter tone reported. Buyers are said to be finding it difficult to obtain more than strictly limited amounts of material. Consumption has been reduced by winter weather. Kerosene is firming slightly and tractor fuels are in steady position. Heating oil demand holds up well. Industrial fuel oil deliveries are still running at good levels, with tone firmer. Lubricating oils generally are steady.

GASOLINE.—Low octane motor, 3⅝c. to 3⅞c. per gallon; 63-66 octane motor, 3⅞c. to 4⅛c.; 67-69 octane motor, 4⅛c. to 4⅜c.; 70-72 octane motor, 4⅜c. to 4⅝c.; 60-62, 400, 3⅝c. to 3⅞c.; 64-66, 375, 4c. to 4¼c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 white, 3⅝c. to 3¾c.; No. 1 straw, 3½c. to 3⅝c.; No. 2 straw, 3⅜c. to 3½c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Feb. 21.—Firmness continued to prevail in the domestic market during the past week—all prices remaining unchanged. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 5c.; U. S. motor below 62 octane at 5c.; 63-67 octane at 5¼c. and 68-70 octane at 5⅜c.—all prices being based on a per gallon rate at refinery.

Kerosene was quoted at a steady price of 7¾c.; per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants continued to be quoted at $1.36 per barrel, delivered.

Tulsa, Feb. 23.—Extension of the improvement noticed in the gasoline market continued to embrace other products this week. Nearly all products became more lively in trading and a much greater number of inquiries developed. As is the case after a prolonged downward trend of prices all buyers simultaneously became aware of the cheapness of the quotations and placed orders freely. A spread of the tendency to distribute a higher octane rating in the third grade gasoline together with a lessened supply of the material

Outputs and Quotas

A comparison of Bureau of Mines calculations for February productions, State allowable quotas where they exist and the American petroleum Institute's estimate for crude production for the week ended February 18, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	482,500	428,000	444,500
Kansas	148,600	153,900	152,400
Texas	1,297,500	†1,767,000	1,304,300
Louisiana ..	246,800	255,140	201,650
Arkansas ...	48,200	‡52,000	53,350
Illinois	102,500	.....	150,450
Eastern	94,300	.....	96,700
Michigan ...	47,200	.....	53,950
Wyoming ...	57,100	.....	52,550
Montana ...	12,100	.....	12,900
Colorado ...	3,600	.....	3,850
New Mexico.	99,600	102,600	101,850
California ..	380,000	‖605,000	632,900
Totals	3,220,000	.....	3,324,300

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of February. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective January 16. Shutdowns are ordered for all Saturdays and Sundays during February. Calculated net basic 7-day allowable for week ended Saturday morning, February 18, approximately 1,270,800 barrels daily.

‡ This is the January allowable. February allowable is not yet available.

‖ Recommendation of Central Committee of California Oil Producers.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-Feb. 25	1938 Jan. 1-Feb. 25
Commercial crude oil production	180,433,000	190,069,300
	Week ended Feb. 25, 1939	Week ended Feb. 26, 1938
Daily average production	3,310,763	3,356,700
	Week ended Feb. 18, 1939	Week ended Feb. 11, 1939
Estimated motor fuel stock total	83,075,000	80,950,000
Estimated finished motor fuel stock at refineries	51,454,000	49,734,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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has virtually eliminated interest in this product.

Sufficiently low temperatures have continued to stimulate domestic heating causing a substantial increase in the consumption of light fuels. Firmness was fairly general in all burning oils.

Kerosene which has been backward also assumed a better tone. There was a substantial improvement in the tone of lubricating oil as stocks continued to react to the increased industrial demand.

Following are the approximate quotations of refined oil products traded in in the mid-continent field on the basis of group 3 prices:

GASOLINE.—Third grade is 3⅝c. per gallon in the mid-continent and 3⅜c. per gallon at central western plants. The 63-66 octane motor is 3⅞c. to 4⅛c. per gallon, while the 67-69 grade is 4c. to 4⅜c. per gallon. The 70-72 is 4⅜c. to 4¾c. per gallon.

NATURAL GASOLINE.—The 26-70 grade is being offered in Oklahoma and Texas at 2½c. per gallon. The 18-55 is 3c. per gallon in both states.

DISTILLATES.—Demand for all grades is strong with prices steadier. The prime white is 3⅝c. per gallon and the No. 2 straw is 3⅜c. The dark is 3¼c. per gallon. Gas oils are at 2⅞c. to 3¼c. per gallon.

KEROSENE.—The 40-42 is 3⅞c. to 4c. per gallon. The 42-44 grade is 4c. to 4¼c. per gallon.

FUEL OIL.—A good demand for the industrial grades continues with quotations firmer. The grades of 14 degrees and below are from 50c. to 65c. per barrel at nearly all Mid-continent plants. The 24-28 grade is 85c. to 90c. per barrel and the low cold test at $1 per barrel.

LUBRICANTS.—A firmer tone in all grades of neutrals, bright stocks and cylinder stocks. There is a material pick up in demand of all industrial grades. Export demand also features this department.

Penola Erects Detroit Plant For Blending Lubricants

Penola, Inc., a subsidiary of the Colonial Esso Marketers, has opened a new storage and blending plant in Detroit for the manufacture of specialized industrial lubricants. The plant has forty-three tanks ranging from 400 up to 25,000 barrel capacity. The plant has warehouse facilities for storing 7,000,000 gallons of base stocks. An outstanding feature of the plant is a machine which blends lubricants from many base stocks automatically and with such accuracy that it is possible to proportion the various ingredients to within four one-hundredths of one percent. This machine has a throughput of 50,000 gallons of lubricants daily.

Lloyd Bagly has been appointed Southern California sales division manager for the General Petroleum Company, with whom he has been affiliated for fourteen years.

Petroleum Reserves Gain Estimated by A.P.I.

Proved petroleum reserves of the United States have increased to a new record total estimated at 17,348,146,000 barrels as of January 1, 1939, it is indicated in the annual report of the American Petroleum Institute's committee on petroleum reserves. The new estimate, which refers only to reserves already proved by drilling and covers all grades of crude oil and distillate known to be recoverable under existing economic and operating conditions, reveals a net increase of 1,840,878,000 barrels over the 15,507,268,000-barrel estimate reported for January 1, 1938. Discoveries of new pools and of new producing horizons in old pools were reported to have added 810,493,000 barrels, making a total gain over 1938 of 3,054,064,000 barrels. The 1938 production of 1,213,186,000 barrels was deducted making the net increase 1,840,878,000 barrels.

Texas was reported to have the largest reserves of any State, estimated at 9,447,764,000 barrels for January 1, 1939, as against 8,247,928,000 barrels a year ago. California's reserves were placed at 3,188,763,000 barrels in the new report, as compared with 3,063,142,000 barrels in 1938.

Trade Briefs

J. E. Nelson has been made a vice-president of the Gulf Refining Corporation, Pittsburgh. He continues as treasurer. W. V. Hartmann has been elected to the directorate.

D. S. Bushnell has retired as president of the Buckeye Pipe Line Company, but continues as a member of the directorate. P. R. Applegate has been named president.

H. T. Morian, one of the first producers of oil in the Pennsylvania fields, celebrated his ninetieth birthday anniversary February 6 in Bradford, Pa., where he now resides.

Texas Pipe Line Company, a subsidiary of the Texas Corporation, properties have been valued at $36,050,000 by the Interstate Commerce Commission as of December 31, 1934.

John and Ben Dockery, Jackson, Miss., have been fined $1,000 each for the alleged violation of the State butane gas system requirements in the first conviction under the statute.

Mexican oil exports dropped from 23,972,483 barrels in 1937 to 14,800,000 barrels in 1938, when the government expropriated the properties of seventeen American and British firms.

Atlantic Refining Company, Philadelphia, has acquired a lease of approximately 85,000 acres from the Lutchev Moore Lumber Company, in Beauregard and Vernon Parishes, La.

Consolidated Oil Corporation reported to the New York Stock Exchange that during December, 1938, it had reacquired 3,720 shares and held 466,989 shares at the end of December.

United Gas Pipeline Company, of Delaware, has filed suit in the Federal district court in New Orleans asking refunds of $67,750 in taxes paid under protest to the State of Louisiana.

L. L. Davis, of the Continental Oil Company, Ponca City, Okla., has been appointed chairman of the American Petroleum Institute's 1939 committee on corrosion of refinery equipment.

T. G. Delbridge, of the Atlantic Refining Company, Philadelphia, Pa., has been made chairman of the American Petroleum Institute's 1939 committee on testing methods and specifications.

Frank B. Appleman has joined the Washington staff of the Independent Petroleum Association of America. He was formerly legal assistant to Oklahoma Supreme Court Justice Thurman Hurst.

Atlas Supply Company, oil country goods, Muskogee, Okla., has been purchased by the Wheeling Steel Corporation. Operations will be continued under the direction of J. H. McDonald, president.

Penn Mex Fuel Company's report for 1938 showed that only assets remaining under the company's control on December 31 was $9,410 on deposit in the United States. The company's properties and assets in Mexico were seized by the Mexican government in March, 1938.

D. T. Ring, of the Ohio Fuel Gas Company, Columbus, O., has been appointed chairman of the program committee which is developing plans for the spring meeting of the Eastern district of the American Petroleum Institute's division of production, to be held in the William Penn hotel, Pittsburgh, April 4-5. Other members of the Program Committee include O. W. Van Petten, of Columbian Carbon Company, Charleston, W. Va., and J. J. Schmidt, of East Ohio Gas Company, Cleveland, O.

Oil Marketers Discuss Code Need with F.T.C.

OPD Washington Bureau
February 23, 1939

Representatives of petroleum marketers met with officials of the Federal Trade Commission today to discuss reopening of the long dormant trade practice conference for the petroleum industry.

The industry spokesmen stressed the need for a code of fair trade practices to govern petroleum marketing and asked that the commission give active consideration to the approval of such a code. The committee was asked to prepare specific suggestions, and when this is done another conference will be held, after which the commission probably will determine whether or not to call for a formal reopening of the subject.

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by A. ERNEST MACGEE

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Fertilizer Materials

General Market Quiet with Prices Steady—Blood Reduced—Potash Materials Strong—Tankage Advanced—Canadian Fertilizer Imports Show Increase

Buyers continued to make demands on the New York market although conditions in other parts of the country were reported quiet. Bone and tankage continued scarce in all sections.

Blood was reduced in New York while tankage was advanced. Prices in the Midwest were firmer than in any other part of the country although buying there was reported spotty.

Imports of fertilizer materials into Canada in 1938 totaled 368,378 short tons compared with 323,551 tons in 1937. Consumption of fertilizers in Germany in 1937-38 showed a volume gain of 14 percent over the preceding record level of 1936-37. In consequence of drastic price reductions enforced by the government, however, total expenditures increased only four percent and were still slightly below 1935-36. Exports of nitrogenous fertilizer from Norway in 1938 totaled 458,984 metric tons compared with 434,530 tons in 1937.

During the calendar year, 1938, 332,881 tons of fertilizers were sold in New York State, according to the National Fertilizer Association. This total included 196,552 tons of mixed goods, 116,078 tons of superphosphate, 16,035 tons of nitrogenous materials, 1,590 tons of potash salts, and 2,626 tons of other raw materials.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tankage, unground, in New York, 5c. per unit-ton.
fertilizer grade, 15c. in Chicago.
high-grade feeding, 25c. in Chicago.

Reduced

Dried blood, domestic, 10c. in New York.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

A slight pickup in the demand side of the market was recorded. No price changes were effected except in blood and tankage.

Nitrate of Soda.—A small flurry of trading early in the week died out toward the end. Chilean nitrate production during the fiscal year 1937-38 amounted to 1,420,312 metric tons, an increase of 10 percent over the 1,290,276 tons produced the preceding year.

Sulphate of Ammonia.—No changes were recorded in either price or demand.

Dried Blood.—The domestic product was reduced 10c. in the New York market to a new level of $3 per unit-ton, f.o.b.

Fish Scrap.—Demand for this ammoniate continued small and buyers encountered scarcity in the market.

Tankage.—The unground material was sold in the New York market at $3.35 and 10c. per unit-ton, an increase of 5c. The fertilizer grade was sold in Chicago at $3.25 and 10c., 15c. higher than the week before. High grade feeding was advanced in price 25c. in Chicago to a new level of $3.75 and 10c.

Nitrogenous Material.—The market gained a bit of strength although no price changes were made.

Potashes

Conditions surrounding the market continued to show a healthy situation last week. No price gains were recorded but demand for both spot and future business held strong. United States exports of potash materials during the calendar year, 1938, totaled 75,122 long tons compared with 91,992 tons in 1937. Imports totaled 379,486 long tons last year against 701,472 tons the year before.

Phosphates

Bone continued scarce last week. Demand held strong but no price changes were made.

Bone Materials.—Buyers continued to demand this product although there was a scarcity on the market. No price changes were made.

Superphosphate.—Small gains were registered in the demand side of the market. The price continued firm at the quoted level.

Phosphate Rock.—Exports of this material from French Morocco during 1938 totaled 1,432,877 metric tons compared with 1,526,427 tons in 1937.

Sulphur and Pyrites

The status of the market continued unchanged. A sulphur refinery is being erected at Namaskard, Iceland, which will utilize native sulphur found in the vicinity of Namafjall Mountain. Capacity is placed at 500 tons yearly.

Markets at Other Centers

Atlanta, Feb. 22.—The market in the South is reported inactive. The organic nitrogen market is developing some interest which of late had been lacking. Nitrate of soda and sulphate of ammonia continue to move in moderate quantities into southern markets. Supplies of potash and superphosphate to meet the season's needs are reported covered by orders. Weather has been more favorable for land prparations than for several weeks.

Quotations are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—Bulk, port basis, $27 per ton.

SULPHATE OF AMMONIA.—$28 per ton, ports.

COTTONSEED MEAL.—8 percent grade, $23 to $23.50 per ton, southeastern mills.

BLOOD.—Foreign, port basis, $2.85 per unit; Chicago, $2.25.

TANKAGE.—Foreign, port basis, $3.15 and 10, ports; Chicago, $3.10 and 10.

NITROGENOUS.—$2 per unit, midwestern points.

Baltimore, Feb. 23.—General quiet continues to prevail in the market for crude fertilizer materials. In the opinion of some brokers, the demand for crude materials is at the lowest ebb ever noted, and there are no indications of an immediate improvement. The current quotations are about as follows:—

FISH SCRAP.—No sales have been reported, but the market is nominally steady at $48 per ton in carload lots. Menhaden meal is held at $52 to $53 per ton in carload lots, f.o.b. Baltimore, and Japanese sardine meal stands at $48.50 per ton for spot and shipment. Some herring scrap is being offered at $3.50 and 10c. per unit-ton for future delivery. The herring season will not begin until April, and potential buyers seem in no hurry to enter into commitments. The output value of herring scrap for the season amounts to from $400 to $600.

TANKAGE.—Nothing happened during the past week to change the market for this ammoniate, which is in very limited request.

DRIED BLOOD.—The unaltered price range also applies to this product, which is in better request from manufacturers of feeds than from makers of fertilizer mixtures, and which is steady at $3.25 per unit-ton, f.o.b. Chicago, with South American stocks at $2.85 to $2.90 per unit-ton, c.i.f. Atlantic ports.

SUPERPHOSPHATE.—The lack of interest manifested in nearly all divisions of the crude market also affects this item, which stands at $7.50 per ton for run of pile and at $8 per ton for 16 percent milled and screened stocks. Operations at plants are held down to the needs of the season.

NITROGENOUS MATERIAL.—The market seems to be still on the decline, and the latest quotations are at $2.10 per unit, with the trading down to a low level.

GARBAGE TANKAGE.—The figures mentioned are generally around $8 per ton for f.o.b. shipping point, which brings the price here up to about $11 per ton.

BONE.—With trading about as it has been for some time, the quotations on this product are held at $22.50 per ton for 1 and 60 meal, $24 per ton for 3 and 50 ground steamed, and $26 per ton for 4½ and 50 ground raw stocks.

Chicago, Feb. 23.—The market is showing a tendency to firm up in spotty, irregular fashion, and prices ruling on some of the items seem to be quite a bit better than those in effect recently. Buying is rather conservative. Blood is ruling at better figures. Tankage orders have been better in some cases. Bone materials show little price change, but some grades are firmer.

BLOOD.—Principal grade, $3.20 to $3.25 per unit of ammonia.

TANKAGE.—High grade, feeding, $3.70 to $3.90 and 10c.; hoof meal, $2.70 to $2.80; liquid stick, $2.50 to $2.65.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $25; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $22 to $24; beef cracklings, soft pressed, $35 to $40; pork cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 72½c. to 75c.

—*Continued on page 54*

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Davison Chemical Employees Get Income Security Plan

The Davison Chemical Corporation has inaugurated at its Curtis Bay, Baltimore, plant an income security tax plan for its regular hourly paid employees for the purpose of providing throughout the year income equivalent to thirty hours' pay as a minimum per week in this group. The desirability for such a plan arises from the seasonal nature of the fertilizer business.

An employee, to be eligible for benefits under the plan, must have completed three years of service with the company. Whenever an eligible employee's weekly wage falls below thirty hours pay at his current rate due to lack of work, the company will advance him the difference between his actual earnings and the equivalent of thirty hours' pay. The advances will not bear interest and are to be repaid only through work. The balance of indebtedness of any employee at any one time for advances will be limited to an amount equal to 175 hours of employment at his current rate. The plan is operative through June 28, 1939.

Jefferson Lake Oil Reports Large Increase for 1938

Jefferson Lake Oil Company, for the year ended December 31, reported a net income of $821,394, equal, after depreciation, depletion and Federal taxes, to 77c. a share on the common stock. This compared with deficit of $17,912 in 1937. Total current assets amounted to $1,852,185 against total current liabilities of $732,652. A. A. Mayer, president of the company, stated that sulphur sales in 1938 amounted to $1,981,854, against $407,043 in 1937. Mr. Mayer explained that customers were gained not only against producers in this country but also of foreign producers, principally in Italy, Japan, Norway and Chile.

Barrett Company, this city, shipped a solid forty-car trainload of nitrate of soda, largest shipment on record, from Gulfport, Miss., February 15. The shipment is destined for Delta area farms where it will be used as fertilizer on oats.

Fertilizer Industry Noted Sharp Gain in 1937

Manufacturers of fertilizers reported a moderate increase in employment and a considerable increase in wages and value of products for 1937 as compared with 1935, according to preliminary figures compiled from returns from the Biennial Census of Manufacturers, released by the Bureau of Census. There were 743 establishments in 1937, compared with 670 in 1935. Wages totaled $15,364,169, against $10,967,021 in 1935. Value of products totaled 195,759,025 in 1937, against 140,386,112 in 1935. Statistics on the industry follows:—

	1937.	1935.
1. Fertilizer industry, all products, total value	$195,759,025	$140,386,112
2. Fertilizers—		
Tons	8,780,479	6,220,789
Value	$165,909,515	$115,434,862
3. Other products (not normally belonging to the industry), value	[1]$29,849,510	[1]$24,951,250
4. Fertilizers and other products not reported separately (on abridged schedule), value[2]	.....	.....
5. Fertilizers made as secondary products in other industries—		
Tons	163,309	238,901
Value	$4,492,607	$5,205,374
Complete fertilizers (mixtures containing nitrogen, phosphoris acid, and potash)—		
Tons	5,651,578	4,201,581
Value	$127,863,320	$93,091,644
Potash superphosphate—		
Tons	225,589	142,076
Value	$4,458,662	$2,680,679
Superphosphates, not ammoniated (including concentrated phosphates)[3]—		
Total production, tons	[4]5,003,776	3,074,356
Made for sale—		
Tons	2,641,640	1,754,777
Value	$27,566,881	$16,489,121
Made and consumed, tons	[5]2,362,136	[5]1,919,579
Fish scrap—		
Tons	95,043	114,124
Value	$3,477,375	$2,912,937
Bone meal—		
Tons	48,952	56,313
Value	$1,113,825	$1,414,115
Ammoniated superphosphates (including urea and ammonium-nitrate solutions—		
Tons	47,010	41,278
Value	$729,967	$608,661
Other ammoniated fertilizers (nonpotash)—		
Tons	23,347	19,763
Value	$354,233	$445,026
Other fertilizers—		
Tons	210,629	129,868
Value	$4,837,859	$2,998,253

[1] Includes $15,744,528 for 1937 and $14,976,923 for 1935, value of goods sold in condition in which purchased. No corresponding figures available for 1933.

[2] An abridged schedule, which did not provide for reporting production in detail, was used in the 1933 census for canvassing the smaller fertilizer plants.

[3] Basis 16 percent available phosphoric acid.

[4] In addition, 37,501 tons of superphosphate, basis 44 percent P_2O_5, was produced by the Tennessee Valley Authority.

[5] Not included in tonnage figure under "Fertilizers, aggregate," above.

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Bids Wanted

Acetylene:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5638, opening March 31.

Acid, Nitric:—6,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 596, opening March 6.

Alcohol, Dehydrated:—Supplies for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurement 760, opening March 1.

Aluminum:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5555, opening March 3.

Aluminum Paste Pigment:—13,195 pounds for various deliveries; Supply Officer, Naval Aircraft Factory, Navy Yard, Philadelphia; requisition 744 Aero, opening March 1.

Ammonia, Anhydrous:—1,700 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 271, opening March 2.

Calcium Hypochlorite:—Supplies of; Commanding Officer, Quartermaster Depot, Chicago; procurement 155, opening March 1.

Charcoal, Activated:—23,010 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 262, opening March 14.

Dextrin:—850,000 pounds as required during the fiscal year beginning July 1; Director Bureau of Engraving and Printing, Washington; schedule 2, opening May 2.

Drier, Oxide:—4,000 pounds; Purchasing Agent, Bureau of Engraving and Printing, Washington; opening May 18.

Drugs:—Supplies of; Purchasing & Contracting Officer, Medical Section, N. Y. General Depot, Brooklyn, N. Y.; procurement 75, opening March 10.

Enamel:—1,200 gallons; Purchasing Agent, Post Office, Department, Washington; procurement 1800, opening March 6.

Gasoline:—400,000 gallons for aviation at San Pedro, Calif.; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5636, opening March 7.

Lacquer Thinner:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5595, opening March 7.

Lime, Soda:—5,000 pounds of white, Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 262, opening March 6.

Manganese Linoleate:—50,000 pounds for Norfolk and Mare Island; Bureau of Supplies and Accounts, Navy Department Washington; schedule 5588, opening March 7.

Resinate:—47,000 pounds for Norfolk and Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5596, opening March 7.

Medicinal Specialties:—Supplies as required during period April 1 to March 31; Procurement Division, Veterans' Administration, Washington; procurement 636, opening March 1.

Nitrocellulose:—3,000 pounds, grade A; Commanding Officer, Picatinny Arsenal, N. J.; procurement 595, opening March 6.

Oil, Burnt, Plate:—65,000 gallons; Purchasing Agent, Bureau of Engraving and Printing, Washington, opening May 18.

Fuel:—90,000 gallons; U. S. Engineer, Park Square Building, Boston; procurement 106, opening March 2.

Linseed, Raw:—620,000 pounds, for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5667, opening March 10.

Phenol:—15,000 pounds for Mare Island; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5554, opening March 3.

Soap, Laundry:—20,000 pounds; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 58930, opening March 3.

Tar:—10,900 gallons, for Montgomery, Ala.; State Procurement Office, Old Post Office Building; procurement 22019, opening March 19.

Turpentine:—3,000 gallons; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 58941, opening February 28.

Soda Phosphate:—2,000 pounds of mono; U. S. Engineer, P. O. Box 4970, Jacksonville, Fla.; procurement 345, opening February 28.

Varnish, Dammar:—12,000 pounds; Purchasing Agent, Bureau of Engraving and Printing, Washington, opening May 18.

Lithographic:—4,500 pounds; Purchasing Agent, Bureau of Engraving and Printing, Washington; opening May 18.

Tax Laws Codified

OPD Washington Bureau
February 20, 1939

Codification of all outstanding internal revenue laws has been accomplished through the President's signature to an act which specifically repeals all such laws and re-enacts them in codified form.

As a result of this, the Treasury Department has issued formal decisions making its various regulations applicable to the proper sections of the code rather than to the now repealed laws. The code covers Federal excise taxes of all sorts, as well as income tax laws.

Petroleum Economics Division of the Bureau of Mines has moved its San Francisco office to 1546 U. S. Post Office and Court House building, Los Angeles.

Shipping Information

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New York Imports

ACID, ACETIC—2 cs, American Farmer, London
CRESYLIC—40 dms, Consuelo, Newcastle
HYDROFLUOSILICIC—1 cs, Industrial Sales Corp, Black Falcon, Antwerp
NITRIC—125 carboys, Industrial Sales Corp, Black Falcon, Antwerp
SOYBEAN OIL—240 dms, 111,179 lbs, Wessel, Duval & Co, Hansa, Hamburg
STEARIC—125 bgs, 22,321 lbs, M J Corbett & Co, Black Osprey, Rotterdam
67 bgs, Orbis Product Corp, Antonia, Liverpool
ALBUMEN, BLOOD—15 bbls, Schenker & Co, Hansa, Hamburg
EGG, HEN—28 cs, Paul A Dunkel & Co, Kansai, Tientsin
ALTHEA ROOT—77 bls, 11,000 lbs, Exhibitor, Leghorn
ALUMINUM FOIL—53 cs, F P Gaskell Co, Aachen, Bremen
98 cs, Rohner & Gehrig, Ile de France, Havre
POWDER—40 dms, 4,576 lbs, T D Downing & Co, Hansa, Hamburg
AMMONIA SULPHATE—110 bgs, Synthetic Nitrogen Product Corp, Bergensfjord, Berlin
ANISE—200 bgs, D Steengrafe, Jamaica, Kingston
75 bgs, Barclay Bank, Jamaica, Kingston
150 bgs, Antonia, Liverpool
ANTIMONY ORE—3,335 bgs, Santa Maria, Mollendo
REGULUS—142 cs, Black Falcon, Antwerp
390 cs, 58 kegs, Alex Van Opstal, Antwerp
ARTISTS' MATERIAL—2 cs, Yamanaka & Co, Kirisima, Kobe
5 cs, Winsor & Newton, American Banker, London
ASBESTOS—34 bgs, Canadian Asbestos Co, Birmania, Genoa
2,125 bgs, Birmania, Genoa
2,150 bgs, Robin Gray, Capetown
ASPARAGUS SEED—11 bgs, Exochorda, Marseilles
ASPHALT—330 bgs, A V Berner & Co, Seatrain Havana, Havana
1,030 cakes, Aachen, Bremen
410 bgs, A V Berner & Co, Oriente, Havana
BALSAM—20 cs, Fritzsche Bros, Santa Maria, Cristobal
BARK, MEDICINAL — 200 bgs, 22,000 lbs, Hansa, Hamburg
BARYTES — 400 bgs, 44,000 lbs, Whittaker, Clark & Daniels, Birmania, Genoa
800 bgs, Whittaker, Clark & Daniels, Birmania, Venice
BAUXITE RESIDUE—60 bgs, Landers-Segal Color Co, City of Flint, Leith
BIRCH TAR—8 dms, American Farmer, London
BISMUTH—150 bxs, Cerro de Pasco Copper Corp, Santa Maria, Callao
BLEACHING POWDER—305 dms, H H Rosenthal & Co, Kansai, Yokohama
BONE MEAL—800 bgs, Borkum, Buenos Aires
555 bgs, Barber & Garrat, Borkum, Rosario
BORON FLUORIDE—15 cyls, 3,533 lbs, Standard Oil Co of N J, Black Osprey, Rotterdam
BRISTLES—3 cs, Victory Shipping Co, American Banker, London
10 cs, American Farmer, London
7 cs, M Broverman & Son, American Farmer, London
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28 cs, S Hirshenhorn & Son, Kansai, Dairen
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63 cs, Bank of China, Niel Maersk, Hongkong
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3 cs, F H Cone & Co, Schodack, Havre
28 cs, H Rosenhirsch Co, Kirisima, Tientsin
55 cs, F H Cone & Co, Kirisima, Tientsin
9 cs, Bank of London-South America, American Banker, London
BRONZE POWDER—6 cs, Hamilton Forwarding Co, Hansa, Bremen
CADMIUM—63 cs, Bergensfjord, Bergen
220 cs, Alex van Opstal, Antwerp
CALCIUM GLUCONATE—100 bgs, W A Foster & Co, American Farmer, London
METAL—26 cs, Charles Hardy, Exochorda, Marseilles
NITRATE—1,200 bgs, Synthetic Nitrogen Product Corp, Bergensfjord, Berlin
1 bx, Synthetic Nitrogen Product Corp, Bergensfjord, Oslo
PHOSPHATE—1 cs, 105 lbs, Phosphate Recovering Co, Schodack, Havre
CAMPHOR, REFINED—25 cs, Iwai & Co, Kirisima, Kobe
9 cs, Abraham & Straus, Kirisima, Kobe
CANARY SEED—440 bgs, C Clausen & Co, Uruguay, Buenos Aires
248 bgs, A G Dunn, Aakre, Buenos Aires
990 bgs, Eastern Prince, Buenos Aires
25 bgs, Hansa, Hamburg
500 bgs, Exhibitor, Istanbul
CANTHARIDES—2 cs, 310 lbs, Hansa, Hamburg
CARAWAY SEED—100 bgs, 11,000 lbs, M Witsenburg, Black Osprey, Rotterdam
CARDAMOM—122 tins, 6 cs, P H Petry & Co, Iriona, Livingston
CAROB BEANS—200 cs, A E Freeman, Exochorda, Alexandria
CASSIA—100 bls, A G Dunn, Niel Maersk, Yokohama
320 bls, Wah Young Co, Niel Maersk, Hongkong
210 bls, B H Old & Co, Niel Maersk, Hongkong
100 bls, S L Jones & Co, Niel Maersk, Hongkong
108 bls, A G Dunn, Tabian, Padang
68 bls, Catz American Co, Tabian, Padang
90 bls, Tabian Padang
ROLLS—30 bls, Wood & Selick, Niel Maersk, Hongkong
CASTOR BEANS—3,400 bgs, Fredhem, Bahia
3,400 bgs, Baker Castor Oil Co, Fredhem, Pernambuco
3,400 bgs, Fredhem, Pernambuco
CHALK—200 bgs, 22,000 lbs, Whittaker, Clark & Daniels, Hansa, Hamburg
BLOCK—1,960 tons, Taintor Trading Co, Betta, Zeebrugge
555 tons, Taintor Trading Co, Schodack, Dunkirk
NEUBURG—188 bgs, Aachen, Bremen
PRECIPITATED—1,200 bgs, Colgate-Palmolive-Peet Co, Consuelo, Hull
25 bbls, Lo Curto & Funk, Exhibitor, Genoa
50 bbls, S B Penick & Co, Antonia, Liverpool
225 bgs, 50 bbls, H J Baker & Bros, Antonia, Liverpool
CHAMOIS—6 cs, American Traveler, Havre
CHAMOMILE FLOWERS—25 cs, New York Trust Co, American Traveler, Hamburg
14 cs, J L Hopkins & Co, American Traveler, Hamburg
CHEMICALS—1 cs, New York Quinine & Chem Works, American Farmer, London
100 dms, 1,016 bgs, Advance Solvents & Chemical Co, Hansa, Hamburg
5 cs, Schimmel & Co, Hansa, Hamburg
62 cks, 4 cs, 27 dms, Hansa, Hamburg
10 cs, Wm Neuberg, Hansa, Hamburg
3 dms, 1 ck, 1 cs, Elmer & Amend, Hansa, Hamburg
7 bbls, Hoffman La Roche, Hansa, Hamburg
40 cks, Hansa, Hamburg
101 bbls, E I Du Pont de Nemours, Hansa, Hamburg
10 dms, W J Honan, Hansa, Hamburg
20 cks, Hummel Chemical Co, Hansa, Hamburg
2 cs, Ernest Bischoff Co, Hansa, Hamburg
2 bgs, A M Schmidt, Hansa, Bremen
2 cs, Pfaltz & Bauer, Hansa, Bremen
43 cks, 1 dm, 7 cs, Hansa, Bremen
500 bgs, Black Osprey, Rotterdam
23 cks, Philip Bauer Co, Black Osprey, Rotterdam
12 cks, Aachen, Bremen
22 cks, 2 cs, 2 crbys, Pfaltz & Bauer, Aachen, Bremen
50 cks, Hummel Chemical Co, Aachen, Bremen
1,338 bgs, 50 cks, Aachen, Bremen
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26 cns, 2 cks, Ciba Co, Ile de France, Havre
10 cs, Ile de France, Havre
4 cns, Carbic Color & Chemical Co, Ile de France, Havre
1 cs, Hoffman La Roche, Ile de France, Havre
10 cs, E I Du Pont de Nemours & Co, Ile de France, Havre
7 cs, G J Wallau, Ile de France, Havre
MANURE—41 bgs, R C Wehling Co, American Farmer, London
CHILLIES—200 bgs, A G Dunn, Kanai, Kobe
224 bgs, I Harrison & Whitney, Kirisima, Kobe
CHINA CLAY—25 cks, E Fougera & Co, American Banker, London
CINNAMON—5 bls, American Banker, London
CLOVES—47 bgs, J F Frank, Tabian, Amboina
1,525 bgs, Barber S S Line, American Banker, London
COALDUST—90 dms, Black Falcon, Rotterdam
COALTAR INTERMEDIATES—7 cks, General Dyestuff Corp, Hansa, Hamburg
2 dms, General Aniline Works, Hansa, Hamburg
4 cks, General Dyestuff Corp, Hansa, Bremen
COBALT METAL—38 cks, Central Trading Corp, Alex Van Opstal, Antwerp
OXIDE—156 cks, Central Trading Corp, Alex Van Opstal, Antwerp
COCOA BEANS—500 bgs, American Farmer, London
13,500 bgs, Fredhem, Ilheos
6,500 bgs, Fredhem, Bahia
860 bgs, Eastern Prince, Trinidad
2,012 bgs, Superintendence Co, West Humhaw, Lagos
750 bgs, Superintendence Co, West Humhaw, Accra
1,600 bgs, Banque Canadiennes Nationale, West Humhaw, Accra
2,400 bgs, Afram Trading Co, West Humhaw, Accra
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350 bgs, Fruit Dispatch Co, Chiriqui, Havana
380 bgs, Schutte & Focke, Flora, Curacao
60 bgs, Struller & Wood, Flora, Curacao
568 bgs, Flora, Curacao
500 bgs, Flora, Puerto Cabello
81 bgs, Aron & Co, Uruguay, Port Spain
100 bgs, Wood & Selick, Uruguay, Port Spain
250 bgs, Wessel, Kulenkampf & Co, Santa Maria, Guayaquil
250 bgs, W R Grace & Co, Santa Maria, Guayaquil
125 bgs, Jamaica, Cristobal
COCONUTS—1,631 bgs, 163,100 lbs, I L Toledano Corp, Buenaventura, S A ports
200 bgs, 20,000 lbs, Universal Import & Export Co, Coamo, San Juan
COCONUTS—1,188 bgs, 118,800 lbs, General Food Corp, Jamaica, Kingston
250 bgs, 25,000 lbs, Jamaica, Kingston
250 bgs, 25,000 lbs, Barclay Bank, Jamaica, Kingston
300 bgs, 30,000 lbs, J A Manton, Jamaica, Kingston
COCONUT, DESIC—1,550 cs, Wilbur Ellis Co, Kansai, Davao
1,053 bgs, 2,777 cs, General Food Corp, Niel Maersk, Manila
538 cs, Cooperative Coconut Product Co, Niel Maersk, Manila
COLORS—27 cks, 4 dms, Reichard-Coulston, Hansa, Bremen
1 cs, Hellman Import Co, Ile de France, Havre
135 cks, 2 cs, Fulton Dye Import Co, Ile de France, Havre
CERAMIC—1 keg, 1 bx, Antonia, Liverpool
EARTH—112 bgs, J Lee Smith & Co, Black Falcon, Rotterdam
53 cks, Calco Chem Co, Aachen, Bremen
PRINTING—12 dms, 6 cs, J E Mandlik, Hansa, Hamburg
COLUMBITE ORE—360 bgs, Union Ore Corp, West Humhaw, Port Harcourt
COPPERAS—200 kegs, Robinson-Wagner Co, Consuelo, Newcastle
CORK SHAVINGS—10,100 bls, United Cork Co, Montello, Terranova
WOOD—100 bls, Irving Trust Co, Cranford, Seville
COTTON LINTERS—1,503 bls, Chase National Bank, Chelyuskinets, Leningrad
42 bls, Wessel, Duval & Co, Santa Maria, Paita
CRYOLITE—706 bgs, 88,066 lbs, Hansa, Hamburg
DYES, ALIZARIN—4 cks, General Dyestuff Corp, Hansa, Bremen
ANILIN—15 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
26 cks, 1 pkg, General Dyestuff Corp, Hansa, Bremen
3 cks, 1 cs, General Dyestuff Corp, Aachen, Bremen
1 dm, E I du Pont de Nemours & Co, Antonia, Liverpool
35 cks, Geigy Co, Ile de France, Havre
97 cans, Ciba Co, Ile de France, Havre
20 cyls, Sandoz Chem Works, Ile de France, Havre
80 kegs, Carbic Color & Chem Co, Ile de France, Havre
FILTER PAPER—2 cs, American Express Co, American Farmer, London
2 pkgs, General Aniline Works, Hansa, Hamburg
13 cs, H Reeve Angel & Co, American Banker, London
FIRECLAY—208 bgs, Klay Stone Co, Hansa, Bremen
FLAXSEED—452 bgs, 994 bus, Eastern Prince, Buenos Aires
993,000 kilos, 39,720 bus, Eastern Prince, Buenos Aires
6,345 kilos, 253,820 bus, Archer Daniels Midland Co, Collingsworth, Buenos Aires
2,277 bgs, 5,009 bus, Aakre, San Lorenza
1,389,000 kilos, 55,560 bus, Aakre, San Lorenza
5,078 bgs, 11,171 bus, Aakre, Buenos Aires
4,106,800 kilos, 164,272 bus, Aakre, Buenos Aires
1,016,000 kilos, 40,640 bus, Bunge North American Grain Co, Borkum, Diamante
1,653 bgs, 3,639 bus, Bunge North American Grain Co, Uruguay, Buenos Aires
405 tons, 16,200 bus, Bunge North American Grain Co, Uruguay, Buenos Aires
348,000 kilos, 13,920 bus, Uruguay, Buenos Aires
2,530 bgs, 5,566 bus, Uruguay, Buenos Aires
FLEASEED—10 bgs, Ideal Trading Co, Exochorda, Marseilles
GELATIN—160 cs, Dingelstedt & Co, Hansa, Bremen
GINGER ROOT—60 bgs, West Humhaw, Freetown
120 bgs, Barclay Bros, Jamaica, Kingston
GINGERINE — 4 cs, Orbis Product Corp, American Banker, London
GLASS, PLATE—44 cs, Hansa, Hamburg
3 cs, Semon Bache & Co, Black Falcon, Antwerp
SHEET—8 cs, Bergensfjord, Oslo
1,250 cs, Petrocelli Beusse & Rogers, Black Falcon, Antwerp
1,175 cs, National City Bank, Alex Van Opstal, Antwerp
WINDOW—310 cs, Langlotz & Co, Fernbrook, Leghorn
600 cs, S G Cole, Black Falcon, Antwerp
664 cs, Semon, Bache & Co, Black Falcon, Antwerp
3 cs, Leo Popper & Son, Black Falcon, Antwerp
59 cs, Vitrea Co, American Traveler, Hamburg
11 cs, Eastman Kodak Co, Alex Van Opstal, Antwerp
25 cs, Royal Glass Works, Alex Van Opstal, Antwerp
9,260 cs, Alex Van Opstal, Antwerp
6 cs, Leo Popper & Sons, Antonia, Liverpool
GLUE—410 bgs, Clara, Trieste
FIXING—1 cs, John Block & Co, American Farmer, London
SHEET—200 bgs, Vulcania, Trieste
GLYCERIN—1 car, Procter & Gamble Co, Seatrain Havana, Havana
GRAPHITE—3,000 bgs, Kansai, Husan
2,800 bgs, Asbury Graphite Mills, Niel Maersk, Kobe
550 bgs, Barber S S Line, American Banker, London
GREASE, VEGETABLE — 11 bbls, Hansa, Hamburg
WOOL—50 bbls, Robinson-Wagner Co, Alex Van Opstal, Antwerp
10 dms, Pfaltz & Bauer, Antonia, Liverpool
60 bbls, Antonia, Liverpool
55 dms, Robinson-Wagner Co, Antonia, Liverpool
29 bbls, Hummel Chem Co, Antonia, Liverpool
GUM, ARABIC—11 bgs, Robin Gray, Mombasa
CHICLE—59 bls, Jamaica, Kingston
COPAL—69 bgs, Philip M Waterman, Niel Maersk, Manila
154 bskts, Chase Natl Bank, Tabian, Macassar
397 bskts, O G Innes Corp, Tabian, Macassar
121 bskts, O G Innes Corp, Tabian, Macassar
127 bskts, Mitsui & Co, Tabian, Macassar
169 bskts, Tabian, Macassar
82 bgs, American Banker, London
20 bgs, Karr, Ellis & Co, Antonia, Liverpool
DAMMAR—350 cs, Thurston & Braidich, Tabian, Batavia
400 cs, Stroock & Wittenberg, Tabian, Batavia
GUM, DAMMAR—200 cs, Thurston & Braidich, Steel Seafarer, Batavia
ELEMI—173 cs, Philip M Waterman, Niel Maersk, Manila
138 cs, Michael Fried, Steel Seafarer, Manila
LOCUST—100 bgs, Stein, Hall & Co, Exochorda, Alexandria
50 bgs, Vulcania, Trieste
NIGER—123 bgs, Chicle Development Co, West Humhaw, Port Harcourt
314 bgs, Chicle Development Co, West Humhaw, Lagos
GYPSUM—300 bgs, Whittaker, Clark & Daniels, Consuelo, Hull
HELLEBORE, WHITE ROOT—10 bls, Vulcania, Dubrovnik
HERBS, MEDICINAL—3 bls, Peek & Velsor, Birmania, Trieste
31 bls, Birmania, Trieste
78 bls, Hansa, Hamburg
21 bls, S B Penick & Co, Vulcania, Trieste
20 bls, Peek & Velsor, Vulcania, Trieste
HOPS—3 bls, Amtorg Trading Corp, Chelyuskinets, Leningrad
25 cs, Bode & Voigt, Hansa, Hamburg
7 bls, Hansa, Bremen
10 bls, Globe Shipping Co, Black Falcon, Antwerp
120 bls, S S Steiner, Black Falcon, Antwerp
30 bls, Black Falcon, Antwerp
15 bls, 97 pkgs, S S Steiner, Alex Van Opstal, Antwerp
26 bls, R F Downing & Co, Alex Van Opstal, Antwerp
IPECAC ROOT—5 bgs, Eggers & Heinlein, Santa Maria, Cristobal
IRISH MOSS—10 bls, Peek & Velsor, Ile de France, Havre
IRON ORE—152 dms, Reichard Coulston, Antonia, Liverpool
OXIDE—20 cks, J Lee Smith & Co, Consuelo, Hull
51 cks, Reichard Coulston, Bristol City, Bristol
37 cks, J A McNulty, Antonia, Liverpool
JUNIPER BERRIES—84 bgs, 11,000 lbs, S B Penick & Co, Birmania, Leghorn
75 bls, 9,900 lbs, Birmania, Leghorn
84 bls, 11,088 lbs, Exhibitor, Leghorn
202 bls, J L Hopkins & Co, Fernbrook, Leghorn
155 bls, Fernbrook, Leghorn
KOLA NUTS—25 bgs, D Steengrafe, Jamaica, Kingston
50 bgs, Barclay Bank, Jamaica, Kingston
LEAVES, MEDICINAL—3 bls, Exochorda, Marseilles
22 bls, R J Prentiss & Co, Exhibitor, Leghorn
LECITHIN—5 dms, 1 cs, Hang & Co, Hansa, Hamburg
10 bbls, P S Royal, Black Osprey, Rotterdam
LIME JUICE—1 cs, Meadows, Wye & Co, American Banker, London
MACE—16 cs, Tabian, Menado
16 cs, Tabian, Banda
91 cs, Catz American Co, Tabian, Macassar
MAGNESIA CARBONATE—75 cs, Schofield-Donald Co, Antonia, Liverpool
MAGNESITE, BURNT—1,438 bgs, Chase National Bank, Chelyuskinets, Leningrad
MANGANESE ORE—50 cks, Hansa, Hamburg
1 car, M Cortada, Seatrain Havana, Havana
1 car, F Samuels Co, Seatrain Havana, Havana
MANGROVE BARK—2,540 bgs, 200 tons, Robin Gray, Kilwa, Kisiwani
MEDICINAL PREPS—23 cs, American Farmer, London
10 cs, J Personeni, Exochorda, Genoa
8 cs, Burroughs, Wellcome & Co, American Banker, London
MENTHOL—25 cs, Orbis Product Corp, Kansai, Kobe
25 cs, McKesson & Robbins, Kansai, Kijoto
50 cs, Bridges, Neumer & Co, Niel Maersk, Shanghai
45 cs, Bridges, Neumer & Co, Kirisima, Kobe
12 cs, Theo Seltzer, Ile de France, Havre
MICA—14 cs, First National Bank, Eastern Prince, Rio de Janeiro
34 cs, Brown Bros, Harrimann & Co, Eastern Prince, Rio de Janeiro
40 cs, O Gerdau Co, Eastern Prince, Rio de Janeiro
21 cs, R F Downing & Co, American Banker, London
512 cs, Barber S S Line, American Banker, London
21 cs, Ford Radio & Mica Corp, Uruguay, Rio de Janeiro
BLOCK—57 cs, Atlanta City, Calcutta
SPLITTINGS—5 cs, Atlanta City, Calcutta
MINT LEAVES—97 cs, P H Petry & Co, Birmania, Trieste
MOLASSES—100,054 gls, National Sugar Refining Co, Seatrain Havana, Havana
MUSTARD SEED—150 bgs, Hansa, Hamburg
NAPHTHALENE—400 bgs, 444,400 lbs, Amtorg Trading Corp, Chelyuskinets, Leningrad
1,650 bgs, F R Bertrand, Robin Gray, Durban
1,000 bgs, 222,420 lbs, Associated Metal & Mineral Corp, Black Falcon, Rotterdam
NICOTINE—2 cs, Copex Co, American Banker, London
NUTMEGS—50 bgs, W E Martin, Tabian, Banda
2 cs, American Banker, London
OCHER—70 cks, J A McNulty, Exochorda, Marseilles
320 bgs, Reichard-Coulston, Exochorda, Marseilles
18 cks, Stanley Doggett, Exochorda, Marseilles
200 bgs, E E Marks & Co, Exochorda, Marseilles
15 cks, J Lee Smith & So, Exochorda, Marseilles
OIL, ALMOND—20 cs, Citron Allied Essential Oil Co, Vulcania, Palermo
ANISE—25 dms, Aries & Co, Steel Seafarer, Saigon
5 dms, Dodge & Olcott Co, Steel Seafarer, Saigon
30 dms, Steel Seafarer, Saigon
BAY—10 cs, Coamo, San Juan
BERGAMOT—90 cs, Lo Curto & Funk, Clara, Messina
CAMPHOR—25 dms, Orbis Product Corp, Niel Maersk, Kobe
CARAWAY—17 cs, Amtorg Trading Corp, Chelyusikents, Leningrad
CHINAWOOD—1,232,000 lbs, National City Bank, Niel Maersk, Hongkong
CINNAMON LEAF—13 dms, R C Treatt & Co, American Banker, London
CITRONELLA—24 dms, National City Bank, Tabian, Batavia
25 dms, Catz American Co, Steel Seafarer, Batavia
CLOVES—16 dms, Barber S S Line, American Banker, London

OIL, COCONUT—475 tons, Philippine Refining Corp, Niel Maersk, Manila
910 tons, Kirisima, Manila
COD—300 dms, Bergensfjord, Oslo
150 dms, Bergensfjord, Kr Sund
60 cks, Bergensfjord, Bergen
72 dms, 28 bbls, Bergensfjord, Reykjavik
100 dms, Aachen, Bremen
201 dms, Atlas Refinery, Fort Amherst, St John's
CODLIVER—75 dms, McKesson & Robbins, Bergensfjord, Bergen
135 dms, H H Rosenthal & Co, Bergensfjord, Bergen
25 dms, Black Diamond Line, Black Osprey, Rotterdam
97 dms, Gunning & Gunning, American Traveler, Hamburg
CONGEALED — 10 cks, E I du Pont de Nemours & Co, Hansa, Hamburg
CORN—50 cks, Corn Product Refining Co, Clara, Trieste
114 bbls, Bristol City, Bristol
COTTONSEED — Quantity, Eastern Prince, Santos
920 tons, J Bibby & Son, Agapenor, Liverpool
ESSENTIAL—2 cs, American Farmer, London
20 pkgs, Exochorda, Marseilles
28 dms, Pastores, Barrios
1 cs, Birmania, Trieste
1 cs, Hansa, Hamburg
9 dms, Iriona, Puerto Barrios
2 cs, American Banker, London
1 cs, American Traveler, Lyon
44 cs, Ile de France, Havre
EUCALYPTUS—5 dms, W J Bush & Co, Niel Maersk, Kobe
25 dms, Dodge & Olcott Co, Niel Maersk, Kobe
14 dms, Orbis Product Corp, City of Delhi, Sydney
FISH LIVER — 15 dms, Vitamerican, Inc, Niel Maersk, Yokohama
1 pkg, 40 dms, Vitamerican, Inc, Kirisima, Yokohama
FUSEL—14 dms, C P Chemical Solvents, Puerto Rico, Ponce
FUEL—95,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
110,000 bbls, Standard Oil Co of N J, Victor Ross, Aruba
HO—10 dms, Norda Essential Oil & Chem Co, Niel Maersk, Kobe
LEMON—55 cs, Lo Curto & Funk, Clara, Messina
21 cs, Citron Allied Essential Oil Co, Vulcania, Palermo
LIME—22 dms, Dodge & Olcott Co, Uruguay, Port Spain
LUBRICATING—145 dms, Alex Van Opstal, Antwerp
MANDARIN—5 cs, Citron Allied Essential Oil Co, Vulcania, Palermo
MINERAL—200 dms, Heemsoth Kerner Corp, Hansa, Hamburg
20 dms, Hansa, Hamburg
205 dms, Black Falcon, Antwerp
OLIVE—35 cs, Exochorda, Beyrouth
25 dms, Welch, Holme & Clark, Exochorda, Piraeus
50 dms, E M Sergeant Pulp & Chem Co, Exochorda, Piraeus
145 dms, Bank of Greece, Exochorda, Piraeus
50 dms, J Osola, Exochorda, Piraeus
50 dms, Venice Import Co, Exochorda, Piraeus
25 dms, Antonio Corrao, Exochorda, Piraeus
50 dms, Udo Taormina, Exochorda, Piraeus
100 dms, British French Discount Bank, Exochorda, Piraeus
250 dms, Bank of Athens, Exochorda, Piraeus
15 dms, 110 cs, Exochorda, Leghorn
25 dms, T Acierno, Exochorda, Genoa
10 dms, Grocer Wholesale Outlet Co, Exochorda, Genoa
737 cs, Exochorda, Genoa
100 dms, Strohmeyer & Arpe Co, Exochorda, Marseilles
295 cs, Exochorda, Marseilles
15 dms, Schroeder Bros, Birmania, Genoa
5,126 cs, Birmania, Genoa
30 dms, Pastene & Co, Birmania, Genoa
5 dms, 975 cs, Birmania, Leghorn
25 dms, Lekas & Drivas, Exhibitor, Leghorn
1,404 cs, Exhibitor, Leghorn
775 cs, Fernbrook, Leghorn
25 dms, Corn Exchange Bank, Clara, Seville
50 dms, Brown Bros Harrimann Co, Clara, Seville
425 dms, 250 cs, Clara, Seville
50 dms, Lekas & Drivas, Cranford, Seville
50 dms, Irving Trust Co, Cranford, Seville
50 dms, Manufacturers Trust Co, Cranford, Seville
25 dms, 800 cs, Cranford, Seville
ORANGE—5 cs, Lo Curto & Funk, Clara, Messina
4 cs, Jamaica, Kingston
5 cs, Citron Allied Essential Oil Co, Vulcania, Palermo
PALM—917,850 kilos, 1 cs, Balfour, Guthrie & Co, West Humbaw, Matadi
444 tons, Tabian, Belawan Deli
487 tons, Tabian, Belawan Deli
PALM KERNEL—72 dms, Hansa, Hamburg
60 cs, American Banker, London
PERILLA—202 tons, Mitsui & Co, Kansai, Dairen
PIMENTO LEAF—7 cs, Gillespie & Co, Jamaica, Kingston
PINENEEDLE—5 dms, P R Dreyer, American Farmer, London
6 cks, Amtorg Trading Corp, Chelyuskinets, Leningrad
RICE BRAN—175 tons, W R Grace & Co, Kansai, Kobe
SAGE—1 bbl, Birmania, Trieste
TEASEED—200 dms, Niel Maersk, Hongkong
YLANG YLANG—5 dms, Guaranty Trust Co, Exochorda, Marseilles
1 cs, Geo Lueders & Co, Niel Maersk, Manila
ORRISROOT—85 bgs, 11,594 lbs, Birmania, Leghorn
36 bgs, 6,732 lbs, J L Hopkins & Co, Birmania, Leghorn
PAINT, SHIP—122 pails, Norwegian American Line, Bergensfjord, Oslo
PALMKERNELS—6,519 bgs, Barclay Bank, West Humhaw, Sherbro

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PAPAIN—66 cs, Chase National Bank, American Farmer, London
PAPRIKA—50 bgs, Victory Shipping Co, Hansa, Hamburg
50 bgs, Central Hanover Bank, Hansa, Hamburg
177 bgs, Hansa, Hamburg
43 bgs, H Schoenfeld & Son, American Traveler, Hamburg
208 bgs, Continental Spice Co, American Traveler, Hamburg
60 bgs, Knickerbocker Mills Co, American Traveler, Hamburg
100 bgs, Avery F Payne, American Traveler, Hamburg
305 bgs, American Traveler, Hamburg
20 bgs, J Raphael & Son, Vulcania, Trieste
40 bgs, Van Loan & Co, Vulcania, Trieste
30 bgs, 40 cs, H Schoenfeld & Son, Vulcania, Trieste
219 bgs, Vulcania, Trieste
930 bgs, Vulcania, Lisbon
PEATMOSS—4,691 bls, Chelyuskinets, Leningrad
1,000 bls, Aachen, Bremen
PEPPER—10 bgs, American Farmer, London
BLACK—2,389 bgs, Catz American Co, Steel Seafarer, Saigon
86 bgs, Catz American Co, Steel Seafarer, Telok Betong
WHITE—670 bgs, Catz American Co, Tabian, Tandjong Priok
84 bgs, Tabian, Tandjong Priok
PERFUMES, ARTIF—29 cks, 9 cs, Hansa, Hamburg
PETROLEUM, CRUDE—110,000 bbls, Standard Oil Co of N J, Standard, Aruba
86,245 bbls, Cities Service Oil Co, Eli Knudsen, Las Piedras
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
PIMENTO—150 bgs, Barclay Bank, Jamaica, Kingston
PICHI LEAVES—40 bgs, Sessa, Talcahuano
POPPYSEED—100 bgs, 11,000 lbs, H Schoenfeld & Son, Black Osprey, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Black Osprey, Rotterdam
POTASH, CHLORATE—200 dms, 24,244 lbs, International Selling Corp, Schodack, Havre
100 dms, Charles Hardy, Black Falcon, Antwerp
100 dms, Charles Hardy, Alex Van Opstal, Antwerp
MURIATE—5 bgs, N V Potash Export My, Black Falcon, Antwerp
PERCHLORATE—100 bbls, 24,620 lbs, International Selling Corp, Schodack, Havre
SULPHATE—30 bbls, N V Potash Export My, Hansa, Hamburg
PUMICE—264 bgs, J H Rhodes & Co, Exhibitor, Canneto
205 bgs, K F Griffiths & Co, Clara, Canneto
LUMP—6,039 bgs, 8 cs, J H Rhodes & Co, Exhibitor, Canneto
619 bgs, K F Griffiths & Co, Clara, Canneto
PYRETHRUM FLOWERS—43 bls, Birmania, Trieste
525 bls, Robin Gray, Mombasa
80 bls, Robin Gray, Dar Es Salaam
40 bls, Allaire Woodward & Co, Vulcania, Trieste
104 bls, J L Hopkins & Co, Vulcania, Dubrovnik
QUEBRACHO EXTRACT—2,939 bgs, Tannin Corp, Uruguay, Buenos Aires
QUINCE SEED—29 bgs, V Simidian, Exochorda, Beyrouth
RADIUM—1 cs, Radium Chemical Co, Alex Van Opstal, Antwerp
RAPESEED—256 bgs, Eastern Prince, Buenos Aires
440 bgs, Vulcania, Trieste
RESIN—4 dms, Paramet Chemical Corp, American Farmer, London
RHUBARB—12 cs, R J Prentiss & Co, Niel Maersk, Shanghai
15 cs, Melchers, Inc, Niel Maersk, Shanghai
ROOT, MEDICINAL—8 bls, Peek & Velsor, Birmania, Trieste
193 bgs, Hansa, Hamburg
11 bls, Vulcania, Trieste
ROSE FLOWERS—46 bls, Exochorda, Marseilles
SALTPETER — 270 cks, 500 bgs, Amtorg Trading Corp, Chelyuskinets, Leningrad
SESAME SEED—156 bgs, Philadelphia National Bank, Niel Maersk, Shanghai
60 bgs, G T German, Kirisima, Tientsin
SHELLAC—25 cs, A Hurst & Co, Hansa, Hamburg
400 bgs, E E Androvette, Atlanta City, Calcutta
200 bgs, 31 cs, Ralli Bros, Atlanta City, Calcutta
25 bgs, Wm Zinsser & Co, Atlanta City, Calcutta
300 bgs, 189 cs, Atlanta City, Calcutta
25 bgs, Wm Zinsser & Co, American Banker, London
SEEDLAC—200 bgs, E E Androvette, Atlanta City, Calcutta
200 bgs, Wm Zinsser & Co, Atlanta City, Calcutta
SIENNA — 200 bgs, 44,704 lbs, Reichard-Coulston, Birmania, Leghorn
132 cks, 47,740 lbs, C K Williams & Co, Exhibitor, Leghorn
7 bbls, 2,662 lbs, Reichard-Coulston, Exhibitor, Leghorn
SILVER LEAF—1 cs, J Lookow Co, Kirisima, Kobe
SOAP—1,505 cs, Conti Product Corp, Exochorda, Leghorn
1 cs, Phoenix Shipping Co, Hansa, Hamburg
67 cs, Concentrate Manufacturing Co, Ile de France, Havre
7 cs, Maurice Levy, Ile de France, Havre
BASE—47 cs, Yardley & Co, American Banker, London
SADDLE—75 cs, Salomon & Philipps, American Farmer, London
TOILET—10 cs, Bourjois, Inc, American Banker, London
SOAP BARK—176 bls, Duncan Fox & Co, Sessa, San Antonio
SOLVENTS—150 dms, C P Chemical Solvents, Puerto Rico, Ponce
SODA, BISULPHITE—96 dms, 46,389 lbs, Industrial Sales Corp, Black Falcon, Antwerp
CARBONATE MONOHYDRATE—20 dms, Antonia, Liverpool
CYANIDE—998 dms, American Cyanamid & Chem Co, Alex Van Opstal, Antwerp
550 cyls, Charles Hardy, Ile de France, Havre
1,000 dms, 239,375 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
684 dms, 76,445 lbs, Charles Hardy, Schodack, Dunkirk
MORRHUATE—1 cs, Lo Curto & Funk, American Banker, London
PRUSSIATE—150 kgs, 33 cs, Philip Bauer Co, Kansai, Yokohama
SILICOFLUORIDE—80 bbls, 84,420 lbs, Innis Speiden & Co, Aachen, Bremen
72 bbls, 84,497 lbs, Hummel Chem Co, Aachen, Bremen
SULPHIDE—90 dms, Chase National Bank, Black Falcon, Antwerp
SOOT—336 bgs, American Farmer, London
SPONGES—12 bls, American Farmer, London
7 bls, H Freidrich, Orizaba, Havana
2 bls, Johns Manville Co, Orizaba, Havana
3 bls, 5 bgs, American Banker, London
15 bls, 14 pkgs, Schroeder & Tremayne, Oriente, Havana
12 bls, J Bloch, Oriente, Havana
SPONGES—28 bls, Floride Sponge & Chamois Co, Oriente, Havana
59 bls, Gulf West Indies Co, Oriente, Havana
20 bls, H Freirich, Oriente, Havana
119 bls, Oriente, Havana
STARCH, RICE—168 bbls, Stein, Hall & Co, Black Falcon, Antwerp
60 cs, Orbis Product Corp, Alex Van Opstal, Antwerp
25 bbls, Alex Van Opstal, Antwerp
STEATITE—7 bbls, Kirchberger & Co, Fernbrook, Leghorn
8 bbls, Caldwell & Co, Fernbrook, Leghorn
TALC—4,032 bgs, Whittaker, Clark & Daniels, Kansai, Dairen
200 bgs, Charles Mathieu, Birmania, Genoa
1,450 bgs, Charles Mathieu, Exhibitor, Genoa
TANKAGE—1,997 bgs, J T Stanley Co, Aakre, Buenos Aires
499 bgs, H J Baker & Bros, Aakre, Buenos Aires
2,000 bgs, Aakre, Buenos Aires
2,000 bgs, Wessel, Duval & Co, Borkum, Buenos Aires
1,967 bgs, Wilson & Co, Borkum, Buenos Aires
6,032 bgs, Borkum, Buenos Aires
TANSTUFF, SYNTH—10 cks, Arkansas Co, American Traveler, Hamburg
TAPIOCA FLOUR—3,906 bgs, Stein Hall & Co, Tabian, Sourabaya
350 bgs, Tabian, Tjilatjap
1,000 bgs, H P Winter & Co, Tabian, Cheribon
504 bgs, Central Hanover Bank, Tabian, Cheribon
1,097 bgs, Chase Natl Bank, Tabian, Cheribon
1,125 bgs, Irving Trust Co, Tabian, Batavia
2,200 bgs, H P Winter & Co, Tabian, Batavia
250 bgs, Catz American Co, Steel Seafarer, Batavia
3,262 bgs, Stein, Hall & Co, Steel Seafarer, Batavia
250 bgs, Overton & Co, Steel Seafarer, Cheribon
553 bgs, American Cyanamid & Chem Co, Steel Seafarer, Cheribon
2,264 bgs, Stein, Hall & Co, Steel Seafarer, Cheribon
PEARL—111 bgs, Catz American Co, Steel Seafarer, Cheribon
SEED—374 bgs, Stein, Hall & Co, Tabian, Sourabaya
SIFTINGS—100 bgs, Catz American Co, Steel Seafarer, Batavia
TARTAR—150 bgs, Birmania, Genoa
144 bgs, Birmania, Leghorn
300 bgs, Exhibitor, Genoa
91 bgs, Exhibitor, Naples
138 bgs, Fernbrook, Genoa
TOILET PREPS—4 cs, Phoenix Shipping Co, Hansa, Hamburg
TURPENTENE—20 cs, G H Lincks, Hansa, Hamburg
UMBER, BURNT — 9 cks, Chemical Bank Trust Co, Exochorda, Alexandria
30 cks, National Safety Bank Trust Co, Exochorda, Alexandria
RAW—9 cks, Chemical Bank Trust Co, Exochorda, Alexandria
30 cks, National Safety Bank Trust Co, Exochorda, Alexandria
URANIUM OXIDE—100 dms, Central Trading Corp, Alex Van Opstal, Antwerp
VALONIA, BEARD—1,218 bgs, 219,049 lbs, Exhibitor, Izmir
CUP—2,570 bgs, 447,040 lbs, Exhibitor, Izmir
697 bgs, Lundt & Co, Exhibitor, Chanak
VANADIUM—8,333 bgs, Vanadium Corp, Santa Maria, Callao
VANILLA BEANS—19 cs, A Chiris & Co, Exochorda, Marseilles
8 cs, Thurston & Braidich, Exochorda, Marseilles
5 cs, Exochorda, Marseilles
15 cs, Tabian, Samarang
10 cs, L Oppenheim, Ile de France, Havre
VARNISH—12 cs, 1,461 lbs, Haas Bros, Black Falcon, Rotterdam
WATER, MINERAL—100 crtns, Westergaard Berg-Johnsen Co, Bergensfjord, Oslo
95 cs, R C Williams & Co, American Banker, London
WAX, BEES—100 bgs, Eastern Prince, Santos
78 bgs, Robin Gray, Lindi
2 cs, G Vangelder, American Traveler, Havre
MONTAN — 375 bgs, Strohmeyer & Arpe, Hansa, Hamburg
OZOKERITE—130 bgs, Smith & Nichols, Birmania, Trieste
85 bgs, Strohmeyer & Arpe Co, Vulcania, Trieste
SUGAR CANE—1 pkg, A Hurst & Co, Tabian, Sourabaya
VEGETABLE—200 cs, H H Rosenthal Co, Kirisima, Kobe
WOODFLOUR—580 bgs, B L Soberski, Bergensfjord, Fredrikstad
320 bgs, Burnet & Co, Bergensfjord, Fredrikstad
YEAST, BREWER'S — 400 bgs, Andre L Causse, American Traveler, Hamburg
ZINC, OXIDE—5 bgs, Yardley & Co, American Banker, London
RESINATE—10 bbls, Red Hand Composition Co, American Banker, London

New York Transit Imports

CHEMICAL MANURE—10 bgs, Lohrman Seed Co, American Farmer, London, Detroit
OIL, OLIVE—100 dms, Rhode Island Hospital National Bank, Clara, Algiers, Providence
55 dms, 455 cs, Clara, Seville, Chicago
PERILLA—314 tons, W G Smith Co, Kansai, Dairen, Cleveland
OPIUM—3 cs, Eli Lilly & Co, Vulcania, Dubrovnik, Indianapolis
PAPRIKA—750 bgs, Vulcania, Lisbon, Chicago
PHOSPHATE—1 bx, Ritter Product Corp, Santa Elena, Curacao, Rochester
SPONGES—10 bls, Orizaba, Havana, Lyons
4 bls, Orizaba, Havana, Paris
32 bls, J E Bernard & Co, Oriente, Havana, Chicago
TALC—3 cs, Champion Paper & Fiber Co, American Banker, London, Hamilton, Ohio
TARTAR—250 bgs, J T Baker Chem Co, Fernbrook, Naples, Phillipsburg
TEAWASTE—1,500 bgs, Atlanta City, Calcutta, Maywood
VANILLA BEANS—30 crtns, M Cortizas & Co, Orizaba, Vera Cruz, Philadelphia

Baltimore Imports

ANTIMONY OXIDE—100 bgs, Quaker City, Liverpool
BARIUM HYDRATE—23 csks, Quaker City, Liverpool
BARYTES HYDRATED—23 csks, Quaker City, Glasgow
BONEFLOUR—2,206 bgs, McKeesport, Hamburg
CHEMICALS—600 bgs, Quaker City, Glasgow
CLAY—60 csks, McKeesport, Bremen
COPRA—400 tons, Procter & Gamble Co, Havelland, Bulan
2,000 tons, Procter & Gamble Co, Havelland, Cebu
CRYOLITE—250 cs, McKeesport, Hamburg
FERROMANGANESE — 1,600 tons, Asro, Gdynia
ILMENITE SAND—7,150 tons, Langleeford, Koilthottam
IRON ORE—7,037 tons, Leo J Buck, Inc, Luossa, Narvik
11,500 tons, Bethlehem Steel Co, Firmore, Cruz Grande
OXIDE—5 bgs, Quaker City, Liverpool
SAND—80 bgs, McKeesport, Hamburg
MANGANESE ORE—1,500 tons, City of Worcester, Calcutta
MOLASSES—10,954,265 lbs, Cuba Distilling Co, Catahoula, La Romana
5,690,451 lbs, Cuba Distilling Co, Catahoula, Macoris
1,365,060 gls, Cuba Distilling Co, Cassimir, Guayabal
OIL, COCONUT—300 tons, Procter & Gamble Co, Havelland, Manila
COD—35 dms, McKeesport, Hamburg
PEATMOSS—4,791 bls, McKeesport, Bremen
PETROLEUM, CRUDE—69,929 bbls, Pan American Ref Corp, F H Bedford Jr, Las Piedras
SODA SILICOFLUORIDE—300 bgs, McKeesport, Hamburg
TANKAGE—907 bgs, Paraguayo, Santos
6,814 bgs, Paraguayo, Montevideo
1,547 bgs, Paraguayo, Buenos Aires

Boston Imports

ACID, STEARIC—400 bgs, 44,753 lbs, Black Osprey, Antwerp
ASBESTOS—2,000 bgs, Johns Manville Corp, Sagadahoc, Capetown
BARYTES — 500 bgs, 55,115 lbs, Birmania, Genoa
551 bgs, Wishnick-Tumpeer, Birmania, Venice
BONE, FLOUR — 442 bgs, 44,930 lbs, John Reardon & Co, Black Osprey, Antwerp
MEAL—1,102 bgs, 110,928 lbs, H J Baker & Bros, Borkum, Buenos Aires
PHOSPHATE—500 bgs, Paul Puttmann, Binnendijk, Rotterdam
BONES—404 bgs, 44,092 lbs, Mariston, Buenos Aires
CARAWAY SEED—50 bgs, 5,511 lbs, M L Fernald & Co, Black Osprey, Rotterdam
CASSIA—99 bls, Tabian, Padang
74 bgs, J F Frank, Binnendijk, Rotterdam
CHALK—1,000 bgs, 110,230 lbs, Black Osprey, Antwerp
CHAMOMILE FLOWERS—40 bgs, Birmania, Trieste
CHEMICALS — 50 cks, 6,504 lbs, American Cyanamid & Chemical Co, Black Osprey, Rotterdam
100 dms, 200 bgs, 56,173 lbs, Black Osprey, Antwerp
131 dms, Binnendijk, Rotterdam
COCOA BEANS—6,000 bgs, 793,638 lbs, Bankers Trust Co, Scotia, Ilheos
8,000 bgs, 1,058,208 lbs, Scotia, Ilheos
2,015 bgs, W & A Leamann, Binnendijk, Rotterdam
CORUNDUM, CRYSTAL—1,021 bgs, 103 tons, Standard Bank of South Africa, Sagadahoc, Lourenco Marques
EMERY, POWDER—40 bgs, 1 cs, Nicholson & Co, American Farmer, London
FERTILIZER, CHEMICAL MANURE—13 bgs, American Farmer, London
GLASS, WINDOW—565 bgs, 38,184 lbs, American Express Co, Black Osprey, Antwerp
175 cs, 17,053 lbs, Black Osprey, Antwerp
GLUE, HIDE—700 bgs, Birmania, Trieste
MARINE PITCH—9 dms, L W Ferdinand & Co, American Farmer, London
GLUESTOCK, FISH—2 bbls, R H Ranagan, Yarmouth, Yarmouth
22 bxs, 3 pkgs, J R Pole Co, Yarmouth, Yarmouth
GOLDTHREAD—1 bg, S B Penick & Co, Yarmouth, Yarmouth
GUM, LOCUST BEAN — 12 bgs, President Adams, Genoa
MAGNESIA, RUBBER COMPOUND—15 bbls, American Farmer, London
MAGNESITE, CAUSTIC—40 bbls, Innis, Speiden Co, Binnendijk, Rotterdam
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Binnendijk, Rotterdam
OIL, CODLIVER—15 dms, 3,803 lbs, Black Osprey, Rotterdam
FISH—8 dms, H M Crocker, Yarmouth, Yarmouth
FUEL—35,500 bbls, 1,491,000 gls, Colonial Beacon Oil Co, Dean Emery, Aruba
OLIVE—100 cks, 12,125 lbs, Birmania, Genoa
PEANUT—5 dms, 2,473 lbs, Lamont Corliss & Co, Black Osprey, Rotterdam
134 dms, Binnendijk, Rotterdam
SPERM—75 dms, Binnendijk, Rotterdam
OSSEIN—1,000 bgs, 111,993 lbs, J O Whitten & Co, Black Osprey, Antwerp
PEATMOSS—2,180 bls, Binnendijk, Rotterdam
650 bls, Halfmoon Mfg & Trading Corp, Binnendijk, Rotterdam
PEPPER, WHITE—81 bgs, Tabian, Tandjong Priok
POPPYSEED—75 bgs, 8,267 lbs, M L Fernald & Co, Black Osprey, Rotterdam
QUEBRACHO EXTRACT—449 bgs, 46,398 lbs. Tannin Corp, Mariston, Buenos Aires
1,004 bgs, 90,407 lbs, International Products Corp, Mariston, Buenos Aires
SAGE LEAVES—55 bls, Birmania, Trieste
SHELLAC—35 cs, 5 bgs, J Henry Schroeder Banking Corp, Binnendijk, Rotterdam
SOAP, TOILET—20 cs, T D Downing Co, American Farmer, London
SODA, HYDROSULPHITE—50 bbls, 11,947 lbs, Irving M Sobin Co, Black Osprey, Antwerp
NITRATE—21,483 bgs, 2,148,300 lbs, Guaranty Trust Co, Sessa, Tocopilla
400,135 lbs, Guaranty Trust Co, Sessa, Tocopilla
5,040 bgs, 504,000 lbs, Guaranty Trust Co, Sessa, Iquique
STARCH, POTATO—500 bgs, 110,230 lbs, Black Osprey, Rotterdam
100 bgs, Binnendijk, Rotterdam
SOLUBLE—25 bgs, 5,511 lbs, Black Osprey, Rotterdam
TALC—600 bgs, 132,276 lbs, Charles Mathieu, Birmania, Genoa
TANKAGE—494 bgs, 55,201 lbs, Borkum, Buenos Aires
TAPIOCA FLOUR—273 bgs, National City Bank, Tabian, Sourabaya
1,025 bgs, Stein, Hall & Co, Steel Seafarer, Batavia
254 bgs, Stein, Hall & Co, Steel Seafarer, Cheribon
1,654 bgs, Minute Tapioca Co, Foylebank, Pasoeroean
560 bgs, Guaranty Trust Co, Foylebank, Pasoeroean
2,000 bgs, Irving Trust Co, Foylebank, Cheribon
1,998 bgs, Foylebank, Cheribon
250 bgs, First National Bank, Foylebank, Batavia
1,000 bgs, Irving Trust Co, Foylebank, Tjilatjap
299 bgs, Balfour, Guthrie & Co, Foylebank, Pamanoekan
PEARL—500 bgs, Foylebank, Cheribon
WATER, MINERAL—125 cs, S S Pierce Co, President Adams, Marseilles

Boston Transit Imports

MEDICINAL PREPS—4 cs, Wing Tai Chong Co, President Adams, Hongkong, for Montreal
OIL, PINETAR—10 dms, Pinex Co, American Farmer, London, for Ft Wayne, Indiana

Everett Imports

CHINA CLAY—500 tons, Balfour, Guthrie & Co, San Francisco, Antwerp

Gloucester Imports

CODLIVER OIL CAKE—8 bbls, from Nova Scotia
OIL, CODLIVER—98 dms, from Nova Scotia

Houston Imports

BONE MEAL—2,205 bgs, Delvalle, Buenos Aires
CREOSOTE—1,787 tons, Nicolaou Maria, Manchester
HOPS—50 bls, 100 cs, Kiel, Hamburg
OIL, MINERAL—10 dms, Kiel, Hamburg
PAPRIKA—24 bgs, Kiel, Hamburg
60 bgs, Kiel, Bremen
PEATMOSS—300 bls, Kiel, Hamburg
PETROLEUM, CRUDE—65,017 bbls, Litiopa, Tuxpam
POLISH, METAL—15 cs, Kiel, Hamburg
QUEBRACHO EXTRACT—1,500 bgs, Delvalle, Buenos Aires

Los Angeles Imports

ACID, STEARIC—440 bgs, 49,280 lbs, Nanman, Kobe
ANTIMONY ORE—85,000 lbs, from Mexico
BLEACHING POWDER—8,550 lbs, Weser, Frankfurt
BONE PHOSPHATE—85,120 lbs, San Francisco, Brussels
CASTOR BEANS—1,694 bgs, 220,460 lbs, Rio de Janeiro, Rio de Janeiro
CELERY SEED—5 lbs, from Victoria
CHEMICAL SALT—440 lbs, Kansai, Yokohama
9,300 lbs, Tai Shan, Hongkong
760 lbs, Kinai, Yokohama
CHERRY LEAVES, CRUDE—440 lbs, Asosan, Kobe
CHILLIES—100 bgs, 10,000 lbs, Kinai, Japan
5,000 lbs, Asosan, Kobe
CHROME ORE—672,000 lbs, Nanman, Manila
COCONUTS—100 bgs, 10,000 lbs, San Francisco, Panama
COCONUT, DESIC—970 cs, 135,800 lbs, Tai Shan, Manila
COPRA—672,000 lbs, Nanman, Manila
MEAL—13,000 bgs, 1,300,000 lbs, Nanman, Manila
1,000 bgs, 100,000 lbs, Tai Shan, Manila
FISH LIVERS, FROZEN—243 tins, 9,720 lbs, Asosan, Japan
500 tins, 20,000 lbs, Asosan, Yokohama
500 tins, 20,000 lbs, Kinai, Yokohama
393 tins, 15,720 lbs, Yamagiri, Kobe
FLINT STONE, CRUDE—46,450 lbs, San Francisco, London
GLASS, ROLLED—15 cs, 12,550 lbs, San Francisco, Brussels
WINDOW—49,670 lbs, Weser, Brussels
INCENSE—5 lbs, Nanman, Kobe
KELP MEAL—200 bgs, 20,000 lbs, Nanman, Tokio
MEDICINAL PREPS—50 lbs, Nanman, Yokohama
120 lbs, Nanman, Kobe
20 lbs, President Cleveland, Hongkong
4 lbs, Asosan, Kobe
OIL, PEANUT—220 lbs, Nanman, Yokohama
685,310 lbs, Yamagiri, Tsingtao
PAPRIKA—75 bgs, 8,250 lbs, Weser, Budapest
2,200 lbs, from Budapest
PEANUT MEAL—2,900 bgs, 290,000 lbs, Nanman, Tsingtao
PEPPER, BLACK—81 bgs, 12,150 lbs, Djambi, Sumatra
225 bgs, 33,410 lbs, Djambi, Tandjong, Karang
POTASH, PRUSSIATE — 30 bbls, 3,310 lbs, Weser, Berlin
QUEBRACHO EXTRACT—204 bgs, 21,680 lbs, Hoyanger, Buenos Aires
RAPESEED—150 bgs, 32,350 lbs, Isar, Germany
RESIN VINYL—1,000 lbs, from Montreal
RICE FLOUR—660 lbs, Vinni, Kobe
1,240 lbs, Nanman, Yokohama
SEAWEEDS, CRUDE—100 lbs, Nanman, Yokohama
120 lbs, Asosan, Kobe
SESAME MEAL—500 bgs, 50,000 lbs, Vinni, Yokohama
SEED—5 cs, 250 lbs, Nanman, Yokohama
124 bgs, 22,000 lbs, Djambi, Amritsar
150 lbs, Asosan, Kobe
SOAP, TOILET—240 lbs, Asosan, Kobe
STARCH, POTATO—480 lbs, Vinni, Kobe
740 lbs, Nanman, Yokohama
RICE—240 lbs, Nanman, Yokohama
TAPIOCA FLOUR — 240 bgs, 24,000 lbs, Djambi, Sourabaya
TOILET PREPS—40 lbs, Nanman, Yokohama
250 lbs, Asosan, Kobe
WAX, CARNAUBA—2,180 lbs, Rio de Janeiro, Fortaleza
VEGETABLE—1,120 lbs, Heiyo, Kobe
WHEAT FLOUR—10 lbs, Vinni, Kobe

New Orleans Imports

ACID, CRESYLIC—90 dms, Lykes Bros S S Co, Scottsburg, Antwerp
BLEACHING POWDER—100 cs, R Ramelli, Scottsburg, Rotterdam
BONE MEAL—1,120 sx, Scottsburg, Antwerp
COCOA BEANS—600 sx, Fruit Dispatch Co, Santa Marta, Bocas del Toro
CHEMICALS—75 dms, Whitney Bank, Winston Salem, Rotterdam
13 cs, 23 ctns, United Fruit Co, Winston Salem, Bremen
144 bbls, Goldsmith Corp, Scottsburg, Rotterdam
COCONUTS—200 sx, Standard Fruit & S S Co, Contessa, Ceiba
41 sx, Fruit Dispatch Co, Cadmus, Belize
160 sx, J Blake, Jr, Cadmus, Belize
200 sx, A Alamilla, Cadmus, Belize
150 sx, Valle & Suero, Cadmus, Belize
200 sx, Valle & Suero, Baja California, Belize
COPRA—6,391 tons, Procter & Gamble Trading Co, Rhein, Manila
DISINFECTANT—10 cs, United Fruit Co, Winston Salem, Bremen
FERTILIZER—4,000 sx, Synthetic Products Corp, Leerdam, Antwerp
2,050 sx, National City Bank, Leerdam, Antwerp
FURNACE SAND—600 sx, Leerdam, Rotterdam
GUM CHICLE—49 bls, Chicle Development Co, Cadmus, Belize
350 bls, Wrigley Import Co, Ulua, Puerto Barrios
MUSTARD BRAN—80 bgs, Whitney Bank, Winston Salem, Hamburg
OIL, CODLIVER—200 dms, 100 bbls, Winston Salem, Hamburg
180 dms, Leerdam, Rotterdam
270 dms, Scottsburg, Antwerp
CREOSOTE—100 dms, Leerdam, Rotterdam
MINERAL—100 dms, Atlantic Refining Co, Scottsburg, Havre
OLIVE—18 csks, Lucia C, Palermo
280 cs, Istria, Marseilles
PEATMOSS—200 bls, Winston Salem, Hamburg
5,720 bls, Peat Import Corp, Winston Salem, Bremen
PEATMOSS—3,660 bls, Premier Peat Moss Corp, Leerdam, Rotterdam
1,600 bls, Peoples National Bank, Leerdam, Rotterdam
2,500 bls, Leerdam, Rotterdam
POTASH SULPHATE—500 sx, First National Bank of Boston, Vermont, Antwerp
SALT—3 bbls, United Fruit Co, Winston Salem, Bremen
STEARIN—6 bbls, Winston Salem, Hamburg
WAX—400 sx, Brown Bros, Harriman & Co, Winston Salem, Hamburg

Philadelphia Imports

ACID, CRESYLIC—25 dms, John H Good, Quaker City, Liverpool
55 dms, Quaker City, Liverpool
247 dms, Zaandam, Rotterdam
SOYBEAN OIL—80 dms, Zaandam, Rotterdam
BONE MEAL—2,206 bgs, McKeesport, Hamburg
CANARY SEED—415 bgs, Mormacmar, Buenos Aires
CHEMICALS—60 bbls, Brown Brothers, Harriman & Co, Zaandam, Rotterdam
5 dms, Zaandam, Rotterdam
300 bgs, Advance Solvents & Chemical Corp, Zaandam, Rotterdam
CLAY, TILE—80,000 kilos, McKeesport, Hamburg
COCOA BEANS—7,697 bgs, Superintendence Corp, New Toronto, Lagos
4,000 bgs, New Toronto, Accra
7,250 bgs, Cie Francais d'Afrique Occidental, New Toronto, Accra
1,448 bgs, Cie Francais d'Afrique Occidental, New Toronto, Capecoast
750 bgs, Superintendence Co, New Toronto, Winnebah
750 bgs, Superintendence Co, New Toronto, Saltpond
1,500 bgs, Superintendence Corp, New Toronto, Grand Bassam
1,500 bgs, Superintendence Corp, New Toronto, Grand Lahou
1,500 bgs, New Toronto, Port Bouet
1,600 bgs, Bankers Trust Co, New Toronto, Takoradi
4,353 bgs, Cie Francais d'Afrique Occidental, New Toronto, Takoradi
4,000 bgs, Canadian National Bank, Calumet, Accra
2,175 bgs, Cie Francais d'Afrique Occidental, Calumet, Accra
1,400 bgs, Calumet, Saltpond
800 bgs, Canadian National Bank, Calumet, Saltpond
2,253 bgs, Cie Francais d'Afrique Occidental, Calumet, Port Bouet
750 bgs, Lages, Victoria
5,000 bgs, Nieschlag & Co, Lages, Bahia
1,000 bgs, Wessel, Duval & Co, Lages, Bahia
3,000 bgs, Blumenthal Bros, Lages, Bahia
1,000 bgs, Wood-Selick, Inc, Lages, Bahia
6,500 bgs, W R Grace & Co, Lages, Bahia
1,000 bgs, W R Grace & Co, Sheridan, Bahia
6,000 bgs, Sheridan, Bahia
1,000 bgs, National City Bank, Sheridan, Bahia
1,000 bgs, National City Bank, Fredhem, Ilheos
15,500 bgs, Fredhem, Ilheos
1,000 bgs, J P Morgan & Co, Fredhem, Ilheos
CORK, VIRGIN—6,224 bls, Armstrong Cork Co, Monrosa, Portimao
1,380 bls, Armstrong Cork Co, Monrosa, Lisbon
WASTE—7,787 bls, Armstrong Cork Co, Mongiola, Algiers
2,820 bls, Armstrong Cork Co, Mongiola, Collo
3,477 bls, Armstrong Cork Co, Monrosa, Portimao
12,193 bls, Armstrong Cork Co, Monrosa, Lisbon
210 bls, Armstrong Cork Co, Examiner, Algiers
6,179 bls, Armstrong Cork Co, Monrosa, Lisbon
2,163 bls, Armstrong Cork Co, Examiner, Algiers
6,064 bls, Armstrong Cork Co, Mongiola, Collo
1,415 bls, Armstrong Cork Co, Mongiola, Collo
WOOD—299 bls, Armstrong Cork Co, Monrosa, Collo
275 bls, Armstrong Cork Co, Monrosa, Portimac
722 bls, Armstrong Cork Co, Monrosa, Lisbon
FLAXSEED—3,669 tons, Tana, Concepcion
1,690 tons, 3,635 bgs, Tana, Buenos Aires
FLUORSPAR—1,025 tons, Sonia, St Lawrence
GLYCERIN—73 dms, Fernciff, Buenos Aires
MANGANESE SULPHATE—60 cks, Zaandam, Rotterdam
MOLASSES — 1,427,776 gls, North American Trading & Import Co, Ruth Kellogg, Havana
OIL, CODLIVER—100 dms, McKeesport, Hamburg
CORN—163 dms, Quaker City, Belfast
626 bls, Simons & Co, Examiner, Casablanca
PEATMOSS—1,460 bls, Marine Midland Trust Co, Zaandam, Rotterdam
2,190 bls, Zaandam, Rotterdam
1,400 bls, McKeesport, Hamburg
800 bls, Peat Import Co, McKeesport, Bremen
PEPPER, BLACK—675 bgs, Brastagi, Oosthaven
QUEBRACHO EXTRACT—3,475 bgs, American Tanners, Fernciff, Buenos Aires
870 bgs, International Products Corp, Mormacmar, Buenos Aires
1,685 bgs, Tannin Corp, Mormacmar, Buenos Aires
SHELLAC—50 bgs, Atlanta City, Calcutta
STARCH, POTATO—150 bgs, Zaandam, Rotterdam
TAPIOCA FLOUR—1,003 bgs, Irving Trust Co, Brastagi, Batavia
250 bgs, Industrial Sales Co, Brastagi, Batavia
1,000 bgs, Philadelphia National Bank, Brastagi, Cheribon
500 bgs, H P Winter & Co, Brastagi, Cheribon
500 bgs, New York Trust Co, Brastagi, Tegal
544 bgs, Brastagi, Tegal
TITANIUM ORE—250 bgs, Fernciff, Santos
WAX, BEES—50 bls, Examiner, Lisbon
WETTING AGENT—33 dms, Ciba Co, Zaandam, Rotterdam

Portland, Ore., Imports

MACE—8 cs, Djambi, Macassar
PARAFFIN, REFD—339 sks, Patterson Shipping Co, Djambi, Palembang
800 sks, Shell Oil Co, Djambi, Balikpapan
TAPIOCA PEARL—68 sks, Djambi, Cheribon
SEED—78 sks, Djambi, Cheribon

San Francisco Imports

BABASSU KERNELS — 1,693 sks, Bank of California, N A, Hoyanger, Tutoya
8,890 sks, Bank of California, N A, Hoyanger, Tutoya (optional Oakland discharge)
10,668 sks, Bank of California, Hoyanger, Maranham (optional Oakland discharge)
BABASSU KERNELS—6,167 sks, Bank of California, Hoyanger, Maranham
5,054 sks, Hoyanger, Maranham
1,667 sks, Bank of London & South America, Ltd, Hoyanger, Maranham
BLEACHING POWDER—121 dms, Wilson & George Meyer & Co, Weser, Hamburg
BONES—97,830 kilos, Hoyanger, Buenos Aires
GRANULATED — 10,000 sks, Hoyanger, Buenos Aires
CHALK—200 sks, Balfour, Guthrie & Co, San Francisco, Antwerp
CHARCOAL, POWD—20 sks, 8 dms, Cordillera, Glasgow
CHEMICALS—10 cks, S L Abbot, Jr, Co, Weser, Hamburg
CHILLIES—60 sks, American Commerce Co, Asosan, Kobe
50 sks, S L Jones & Co, Asosan, Kobe
CHINA CLAY—250 sks, Balfour, Guthrie & Co, San Francisco, Antwerp (for Oakland)
CINNAMON QUILLS—200 bls, Djambi, Colombo
CLOVES—8 sks, Djambi, Menado
20 sks, Djambi, Amboina
COCOA BEANS—750 sks, Hoyanger, Bahia
50 sks, San Francisco, Guayaquil
COPRA — 700 tons, El Dorado Oil Works, Astoria, Catanauan (for Oakland)
849 tons, El Dorado Oil Works, Astoria, Tacloban (for Oakland)
700 tons, El Dorado Oil Works, Astoria, Port Real (for Oakland)
372 tons, El Dorado Oil Works, Astoria, Hondagua (for Oakland)
DEGRAS—30 dms, Cordillera, Liverpool
FERTILIZER CHEMICAL—100 sks, Wilson & George Meyer & Co, Weser, Hamburg (for Oakland)
GELATIN, SHEET—15 cs, Beaulieu Vineyard, San Francisco, Antwerp
GLASS, WINDOW—1,047 cs, Pacific National Bank, San Francisco, Antwerp
82 cs, H B Mills Co, San Francisco, Antwerp
463 cs, Smith Glass Co, San Francisco, Antwerp
80 cs, Victor Portrait Co, San Francisco, Antwerp (for Oakland)
155 cs, Smith Glass Co, San Francisco, Antwerp (for Oakland)
116 cs, Bank of California, N A, San Francisco, Antwerp (for Oakland)
14 cs, R K Davidson, Weser, Hamburg
17 cs, Margason Glass Co, Weser, Antwerp
6 cs, Weser, Antwerp
2 cs, R K Davidson, Weser, Antwerp (for Oakland)
GLUE—6 sks, Consolidated Chemical Industries, Weser, Antwerp
HARDENER—2 crts, Consolidated Chemical Industries, Weser, Antwerp
HERBS, MEDICINAL—1 cs, North American Mercantile Co, Asosan, Yokohama
SEED—4 cs, North American Mercantile Co, Asosan, Yokohama
ISINGLASS—5 bls, S Ishimitsu Co, Heiyo, Kobe
KELP MEAL—60 sks, Oakland Food Products Co, Heiyo, Yokohama
MEDICINAL PREPS—1 cs, North American Mercantile Co, Asosan, Yokohama
NUTMEGS—15 sks, Djambi, Singapore
OIL, COCONUT, CRUDE—343 tons, Philippine Refining Corpn of N Y, Djambi, Manila
CODLIVER, MED—25 dms, Marshall Dill, Benjamin Franklin, Oslo
15 dms, Varne Drug & Chemical Co, Benjamin Franklin, Oslo
FISH—13 dms, 1 cs, Mitsui & Co, Asosan, Yokohama
FISH, HARDENED—200 sks, Otis, McAllister & Co, Heiyo, Kobe
PERILLA—274 tons, Mitsui & Co, Asuka, Kobe
PAPRIKA—25 sks, McClintock-Stern Co, Inc, Weser, Bremen
25 sks, Haas Bros, Weser, Bremen
PEAT DUST—400 bls, 50 sks, Cordillera, Glasgow
MOSS—350 bls, Peat Import Corpn, Weser, Bremen (for Oakland)
PEPPER, BLACK—50 sks, Bank of California, Djambi, Oosthaven
1,662 sks, Djambi, Oosthaven
PYRETHRUM FLOWERS—50 bls, Mitsui & Co, Asosan, Kobe
QUEBRACHO EXTRACT—530 sks, Tannin Corpn, Hoyanger, Buenos Aires
TAPIOCA FLOUR—403 sks, Irving Trust Co, Djambi, Batavia
490 sks, American Trust Co, Djambi, Tjilatjap
PEARL—46 sks, Djambi, Cheribon
SEED—67 sks, Djambi, Cheribon
54 sks, Bank of California, N A, Djambi, Cheribon
422 sks, American Trust Co, Djambi, Sourabaya (for Oakland)
TOILET PREPS—7 cs, North American Mercantile Co, Asosan, Yokohama
WAX, VEGETABLE—10 cs, American Commerce Co, Heiyo, Moji
WHITING—6 sks, Weser, Antwerp
WOODFLOUR—1,500 sks, B L Soberski, Benjamin Franklin, Oslo (for Oakland)
620 sks, Burnet Co, Benjamin Franklin, Oslo (for Oakland)

Savannah Imports

GLASS, SHEET—305 cs, Fluorspar, Antwerp
LEATHER MEAL—3,411 bgs, Fluorspar, Rotterdam
MATCHES, SAFETY — 500 ctns, Schoharie, Hamburg
RAPESEED—100 bgs, Schoharie, Hamburg
SALTCAKE—quantity, Schoharie, Hamburg
quantity, Fluorspar, Antwerp
SODA NITRATE—quantity, Lerwick, Tocopilla
SULPHIDE—130 dms, Fluorspar, Rotterdam
STARCH, POTATO—500 bgs, Fluorspar, Rotterdam

Seattle Imports

RAPESEED—11 sks, American Express Co, Loch Monar, Rotterdam

Tacoma Imports

OIL, CODLIVER—25 dms, Benjamin Franklin, Oslo

Exports from U.S. Ports

New York Exports

Clearance Dates

Amapala, February 10; Andania, February 3; Aquitania, February 4; Astri, February 2; Atlantida, February 3; Aurania, February 2; Black Eagle, February 6; Bonheur, February 1; City of New York, February 4; Collamer, February 7; Elkhound, February 8; Gedania, February 7; Gunny, February 10; Hanseat, February 6; Komaki, February 7; Leif, February 3; Mormacrey, February 1; New York City, February 6; Northern Prince, February 3; President Roosevelt, February 1; Quirigua, February 1; Santa Barbara, February 2; Santa Elena, February 2; Scanmail, February 3; Tai Ping Yang, January 31; Troubador, February 4; Uffington Court, February 9

ACETONE—(Scanmail) 830 lbs, Gothenburg; 4,138 lbs, Oslo
ACID, MURIATIC—7,212 lbs, Santa Barbara, Callao; 10,313 lbs, Leif, La Romana
NITRIC—3,600 lbs, Santa Barbara, Callao
OXALIC—2,260 lbs, Tai Ping Yang, Manila
SULPHURIC—4,400 lbs, City of New York, East London
ALUMINA SULPHATE — 40,400 lbs, Santa Elena, Cartagena
AMMONIA, ANHYD — (City of New York) 19,567 lbs, Port Elizabeth; 6,956 lbs, East London; 5,425 lbs, Quirigua, Porto Colombia
AMYL ACETATE—459 lbs, Mormacrey, Rio de Janeiro
ASPHALT—4,467 lbs, Astri, Rio de Janeiro; (City of New York) 1,022,714 lbs, Mombasa; 3,405 lbs, Durban; 4,467 lbs, Astri, Rio de Janeiro
LIQUID — 5,877 lbs, Andania, Liverpool; 75,782 lbs, Black Eagle, Antwerp
SOLID—156,717 lbs, Andania, Liverpool
BENZOL—2,750 gls, Mormacrey, Buenos Aires
BLEACHING POWDER—175,198 lbs, Astri, Buenos Aires
BLUE, ULTRAMARINE—2,246 lbs, Northern Prince, Buenos Aires
VITRIOL—80,800 lbs, Quirigua, Kingston
BUTYL ACETATE — (Scanmail) 7,920 lbs, Stockholm; 11,454 lbs, Norrkoping
CALCIUM CARBIDE—6,720 lbs, Santa Elena, La Guaira
CHLORIDE — 19,415 lbs, Santa Barbara, Panama; 6,250 lbs, Quirigua, Montego Bay
MOLYBDATE—48,037 lbs, President Roosevelt, Hamburg
PHOSPHATE—9,170 lbs, Collamer, Havre
CASEIN—1,150 lbs, Aurania, London
CHEMICALS—2,545 lbs, Andania, Liverpool
COALTAR INTERMEDIATES — 3,016 lbs, Aurania, London; 13,064 lbs, Scanmail, Gdynia
CORN SUGAR—2,233 lbs, Collamer, Dunkirk; 10,150 lbs, Andania, Liverpool
SYRUP—3,058 lbs, Gunny, Port Spain; 3,913 lbs, Quirigua, Kingston
CYANIDE, CRUDE—3,526 lbs, City of New York, East London
DEXTRIN—9,120 lbs, Aurania, London
DISINFECTANT—2,543 lbs, Leif, Ciudad
DRUGS — (President Roosevelt) 3,696 lbs, Havre; 2,384 lbs, Hamburg
DYES—2,001 lbs, President Roosevelt, Hamburg; 1,560 lbs, Noordam, Rotterdam; 2,239 lbs, Mormacrey, Buenos Aires; 2,044 lbs, Gerolstein, Antwerp; (Black Eagle) 14,867 lbs, Antwerp; 9,420 lbs, Rotterdam
DYEWOOD EXTRACT—3,268 lbs, Gerolstein, Antwerp
ETHYLENEGLYCOL — 3,318 lbs, Collamer, Havre
MONOETHYLETHER—(Scanmail) 1,383 lbs, Stockholm; 2,766 lbs, Norrkoping
FERTILIZER—102,000 lbs, Uffington Court, Puntarenas
FIRECLAY—44,274 lbs, Bonheur, Buenos Aires
GASOLINE—2,730 gls, New York City, Cardiff-Swansea
GLYCERIN—2,640 lbs, City of New York, Mombasa
GREASE, LUBRIC—11,978 lbs, President Roosevelt, Hamburg; (Bonheur) 8,883 lbs, Santos; 18,174 lbs, Buenos Aires; 6,442 lbs, Santa Barbara, Pimentel; 41,403 lbs, Collamer, Dunkirk; (Scanmail) 20,570 lbs, Gothenburg; 14,678 lbs, Oslo; 11,480 lbs, Copenhagen; 11,010 lbs, Esbjerg; 5,364 lbs, Stockholm; (Leif) 15,866 lbs, San Pedro; 5,238 lbs, La Romana; (City of New York) 904 lbs Mombasa; 25,694 lbs, Durban; 2,440 lbs, Port Louis; 10,310 lbs, Lourenco Marques; 6,917 lbs, Port Elizabeth; 3,878 lbs, Mormacrey, Buenos Aires; (Gerolstein) 28,543 lbs, Antwerp; 2,157 lbs, Brussels; (Andania) 8,093 lbs, Liverpool; 4,060 lbs, Halifax
GUM, ARABIC—(Quirigua) 3,379 lbs, Cartagena; 2,293 lbs, Porto Colombia; 2,247 lbs, Callao
HEMLOCK EXTRACT—38,114 lbs, Andania, Liverpool
HYDROGEN PEROXIDE—14,100 lbs, City of New York, Durban
INK, PRINTING—31,558 lbs, Astri, Buenos Aires
INSECTICIDE—9,900 lbs, Santa Elena, Porto Cabello; 2,132 lbs, City of New York, Port Elizabeth
HOUSEHOLD—14,340 lbs, Gerolstein, Bristol
IRON OXIDE—5,204 lbs, President Roosevelt, Havre
ISOPROPYL ACETATE—25,770 lbs, Collamer, Havre
LACQUER—22,604 lbs, Tai Ping Yang, Manila; 2,639 lbs, Collamer, Havre; (City of New York) 4,149 lbs, Capetown; 9,727 lbs, East London; (Black Eagle) 4,498 lbs, Antwerp; 1,942 lbs, Amsterdam
LARD—127,000 lbs, Aurania, London; (President Roosevelt) 46,875 lbs, Southampton; 51,521 lbs, Hamburg; 30,000 lbs, Santa Elena, Cartagena; 14,884 lbs, Aquitania, Southampton; (Leif) 11,750 lbs, Ciudad; 7,884 lbs, Ciudad; 7,884 lbs, La Ronana; 12,400 lbs, Gerolstein, Antwerp; (New York City) 32,500 lbs, Swansea; 257,400 lbs, Cardiff; 478,400 lbs, Bristol; 136,875 lbs, Andania, Liverpool; 22,704 lbs, Black Eagle, Antwerp; 28,088 lbs, Quirigua, Cartagena
LEAD, RED—3,010 lbs, Tai Ping Yang, Manila
WHITE—3,018 lbs, Tai Ping Yang, Manila; 11,527 lbs, Mormacrey, Santos; 13,119 lbs, Astri, Buenos Aires
LINSEED CAKE—559,991 lbs, Collamer, Dunkirk; (Black Eagle) 676,506 lbs, Antwerp; 2,255,353 lbs, Rotterdam
LITHARGE—6,485 lbs, Santa Elena, Cartagena
NAPHTHA—11,000 gls, Troubador, Santos
OIL, BRIGHT STOCK—110,000 gls, Elkhound, St John, N B
CREOSOTE—1,076 lbs, Quirigua, Cartagena
CYLINDER—14,000 gls, Elkhound, St John, N B; 1,205 tons, Hanseat, Netherlands-Germany
ESSENTIAL—1,489 lbs, Aurania, London
LUBRICATING—10,503 gls, Aurania, London; 8,400 gls, President Roosevelt, Havre; 990 gls, Bonheur, Santos; 14,000 gls, Elkhound, St John, N B; (Santa Elena) 1,815 gls, La Vela; 3,300 gls, Porto Cabello; 3,355 gls, Cartagena; (Santa Barbara) 1,925 gls, Mazatlan; 3,465 gls, Pimentel; 14,500 gls, Callao; 2,035 gls, Antofagasta; 5,775 gls, Valparaiso; 1,375 gls, Gunny, Port Spain; (Collamer) 550 gls, Dunkirk; 9,986 gls, Havre; 3,150 gls, Dunkirk; 1,100 gls, Atlantida, Santiago; (Noordam) 18,150 gls, Rotterdam; 4,230 gls, Amsterdam; (Scanmail) 275 gls, Oslo; 550 gls, Gdynia; 17,005 gls, Stockholm; (City of New York) 3,300 gls, Mombasa; 4,155 gls, Durban; 330 gls, Port Louis; 1,875 gls, Lourenco Marques; 1,100 gls, Dar Salaam; 595 gls, Tanga; (Mormacrey) 3,300 gls, Montevideo; 2,325 gls, Buenos Aires; 2,475 gls, Astri, Montevideo; (Gerolstein) 52,855 gls, Antwerp; 1,806 gls, Brussels; 6,720 gls, New York City, Cardiff; 3,850 gls, Northern Prince, Bahia; (Troubador) 12,125 gls, Rio Grande; 3,798 gls, Porto Alegre; (An-

OIL, LUBRICATING (Continued):—
dania) 1,360 gls, Halifax; 18,270 gls, Liverpool; 625 tons, General Gassouin, Antwerp; (Hanseat) 3,650 tons, Netherlands-Germany; 52,590 gls, Germany; 825 gls, Quirigua, Kingston
NEATSFOOT—2,773 lbs, President Roosevelt, Havre
PALE—14,000 gls, Elkhound, St John, N B; 2,385 tons, General Gassouin, Antwerp; (Hanseat) 3,425 tons, Netherlands-Germany; 400 tons, Germany
PEPPERMINT—501 lbs, Noordam, Amsterdam
PINE — 14,373 lbs, City of New York, Lourenco Marques
TRANSFORMER—2,100 gls, Gerolstein, Antwerp
VALVE — 1,465 tons, General Gassouin, France; (Hanseat) 830 tons, Netherlands-Germany; 40 tons, Germany
PAINT—6,808 lbs, Tai Ping Yang, Manila; 2,094 lbs, Bonheur, Rio de Janeiro; 1,750 lbs, Noordam, Oslo; 12,715 lbs, Scanmail, Stockholm; (City of New York) 11,822 lbs, Durban; 22,274 lbs, Port Elizabeth; 628 lbs, Mormacrey, Santos; (Black Eagle) 30,328 lbs, Antwerp; 3,012 lbs, Amsterdam
ALUMINUM—5,610 lbs, Quirigua, Cartagena
PREPARED—18,600 lbs, Uffington Court, Puntarenas
PARAFFIN—22,365 lbs, Santa Elena, Maracaibo; (Santa Barbara) 32,880 lbs, Buenaventura; 45,210 lbs, Guayaquil; 22,600 lbs, Atlantida, Santiago; (Scanmail) 22,244 lbs, Gothenburg; 111,222 lbs, Copenhagen; 20,158 lbs, Leif, San Pedro; 6,720 lbs, Mormacrey, Asuncion; 22,288 lbs, Gerolstein, Antwerp; 10,245 lbs, New York City, Bristol
SCALE—48,849 lbs, Gerolstein, Antwerp; 164,104 lbs, New York City, Bristol; 241,310 lbs, Andania, Liverpool; 1,150,880 lbs, Gedania, Hamburg
PETROLEUM, REFD—(Leif) 15,000 gls, Porto Plata; 10,000 gls, Sanchez; 30,000 gls, Atlantida, Kingston
PROPANE—(City of New York) 23,836 lbs, Durban; 3,924 lbs, Capetown
PYRETHRUM EXTRACT—6,192 lbs, City of New York, Durban
RESIN, SYNTH—2,210 lbs, Andania, Liverpool
ROSIN—2,145 lbs, Noordam, Rotterdam; 2,612 lbs, Andania, Liverpool; 3,035 lbs, Katla, St Johns
SOAP—46,500 lbs, Tai Ping Yang, Manila; 36,010 lbs, Northern Prince, Santos
SODA ASH—3,033 lbs, Leif, Ciudad; (City of New York) 1,780 lbs, Capetown; 5,820 lbs, East London; 36,086 lbs, New York City, Bristol; 11,650 lbs, Quirigua, Porto Colombia
BICARBONATE—5,050 lbs, Quirigua, Porto Colombia
CAUSTIC—14,350 lbs, Leif, Ciudad; 14,696 lbs, Astri, Santos; 71,800 lbs, Mormacrey, Santos; 30,122 lbs, Troubador, Rio de Janeiro
CYANIDE—3,583 lbs, City of New York, East London
HYDROSULPHITE — 9,560 lbs, Quirigua, Cartagena
PHOSPHATE—9,472 lbs, City of New York, Capetown
PHOSPHATE TRI — 4,080 lbs, Quirigua, Porto Colombia
PYROPHOSPHATE—11,496 lbs, Black Eagle, Antwerp
TANNING EXTRACT—(City of New York) 7,478 lbs, Capetown; 19,850 lbs, East London
TURPENTINE—(Bonheur) 1,000 gls, Rio de Janeiro; 1,000 gls, Montevideo; 2,500 gls, Astri, Buenos Aires
VARNISH—2,230 lbs, City of New York, Capetown; 4,776 lbs, Mormacrey, Buenos Aires; 1,120 lbs, Andania, Liverpool
WITCH HAZEL EXTRACT—7,440 lbs, New York City, Bristol
ZINC, OXIDE—3,450 lbs, President Roosevelt, Havre

Baltimore Exports

Clearance Dates

Artigas, February 9; Black Gull, February 11; City of Athens, February 10; Kolsnaren, February 10; Lehigh, February 8; Mahseer, February 8; Mormacstar, February 14; Robin Goodfellow, February 8
ASPHALT—69,346 lbs, Artigas, Manchester
SOLID—2,200 lbs, Artigas, Liverpool

CADMIUM LITHOPONE—8,368 lbs, Lehigh, London; 2,240 lbs, Kolsnaren, Gdynia
CHROME ORE—(Artigas) 2,200 lbs, Liverpool; 1,100 lbs, Glasgow
CLAY—400 lbs, Black Gull, Bruxelles
CORNFLOUR—5,600 lbs, Kolsnaren, Stockholm
GREASE, LUBRIC—(Lehigh) 625 lbs, Dundee; 118,533 lbs, Hamburg; 3,070 lbs, Kolsnaren, Helsingfors; 9,613 lbs, Black Gull, Rotterdam
INSECTICIDE—210 lbs, Kolsnaren, Malmo
LICORICE PASTE — 2,000 lbs, Kolsnaren, Copenhagen
NICOTINE SULPHATE—2,000 lbs, Mormacstar, Buenos Aires
OIL, LUBRIC—377 bbls, Mahseer, London; 560 gls, Black Gull, Rotterdam
PARAFFIN—132 bbls, Lehigh, Dundee
POLISH—5,500 lbs, Robin Goodfellow, Durban
PORCELAIN ENAMEL FRIT—450 lbs, Kolsnaren, Oslo; 3,000 lbs, Black Gull, Bruxelles
LIQUID—206 lbs, Kolsnaren, Stockhom
POTASH BICHROMATE — 4,704 lbs, Black Gull, Calcutta
RUTILE — (Artigas) 20,160 lbs, Liverpool; 11,200 lbs, Glasgow
SAND, PREPARED—1,521 lbs, Lehigh, London
SELENIUM POWDER—1,202 lbs, Lehigh, India
SODA ASH—67,200 lbs, City of Athens, Manila
STARCH—40,480 lbs, Lehigh, Dundee; (Kolsnaren) 33,220 lbs, Gothenburg; 11,000 lbs, Copenhagen
CORN—61,325 lbs, Black Gull, Rotterdam
TIN OXIDE—50 lbs, Black Gull, Bruxelles
TITANIUM LITHOPONE — 3,150 lbs, Kolsnaren, Stockholm
TURPENTINE—(Robin Goodfellow) 200 gls, East London; 7,655 gls, Capetown
WILD CHERRY BARK—2,147 lbs, Lehigh, London

Boston Exports

Clearance Dates

American Farmer, February 13; Mahseer, February 16; Mormacmar, February 11; Yarmouth, February 15

ALUMINA OXIDE—2 cans, 1 bx, 1,660 bgs, 65 kgs, 185,315 lbs, Mahseer, London
BRISTLES—1 cs, 100 lbs, Yarmouth, St John, N B
CEMENT, CAN—15 dms, 795 gls, Mahseer, London
LINOLEUM—5 crtns, 72 lbs, Yarmouth, St John, N B
CHEMICALS—1 dm, and 8 pkgs, 828 lbs, Mahseer, London
CLAY—235 dms, 30 tons, Mahseer, London
GARNET ROCK, GRD—11 dms, 3,265 lbs, Mahseer, London
GYPSUM—10 ctns, 620 lbs, Yarmouth, St John, N B
INK, SHOE—12 cs, and 8 bbls, 4,453 lbs, Mormacmar, Buenos Aires
LINING COMP—11 crtns, 820 lbs, Yarmouth, St John, N B
MEDICINAL PREPS—500 bxs, 2,500 gls, American Farmer, London; 295 bxs, 1,475 gls, Mahseer, London
OIL, COALTAR—6 bbls, 330 gls, Yarmouth, Dartmouth, N S
LUBRICATING—1 hlf dm, 30 gls, Yarmouth, St John, N B
TANNING—1 cs, 40 lbs, Mahseer, Avonmouth
PASTE, ADHES — (Mahseer) 50 dms, 2,750 lbs, London; 2 dms, 88 lbs, Bristol
PYROMETRIC CONE POWDER—4 hlf bbls, 210 lbs, Mahseer, London
SILICON CARBIDE—3 kgs, 600 lbs, Mahseer, London
TURPENTINE, GUM—1 bbl, 52 gls, Yarmouth, Yarmouth
WATERPROOFING COMP—5 crtns, 84 lbs Yarmouth, St John, N B

Corpus Christi Exports

Clearance Dates

Leiv Eiriksson, February 11; Frimaire, February 6; Invershannon, February 9; Laurent Meeus, February 12; Mytilus, February 14; Ophelia, February 8; Realf, February 5; Regina, February 7; Sildra, February 14; Teakwood, February 13; Tuscania, February 13; Vendemiare, February 2

GASOLINE—6,169 bbls, Vendemiare, Havre; 74,229 bbls, Laurent Meeus, London; 62,258 bbls, Mytilus, Rotterdam
OIL, FUEL—17,083 bbls, Realf, Stockholm; 4,368 bbls, Frimaire, Berre; 15,074 bbls, Regina, Gothenburg; 7,424 bbls, Ophelia, Donges; 4,987 bbls, Leiv Eiriksson, Havre; 3,511 bbls, Laurent Meeus, London; 68,737 bbls, Tuscania, Italy
GAS—24,903 bbls, Realf, Stockholm
PETROLEUM, CRUDE—94,460 bbls, Vendemiare, Havre; 100,854 bbls, Frimaire, Berre; 85,727 bbls, Regina, Gothenburg; 59,871 bbls, Ophelia, Donges; 104,743 bbls, Invershannon, Havre; 112,188 bbls, Leiv Eiriksson, Havre; 70,543 bbls, Teakwood, Havre; 44,940 bbls, Sildra, Naples

Galveston Exports

Clearance Dates

Dortmund, February 13; Dryden, February 14; Edam, February 11; Spind, February 9; Stureholm, February 8

BLACK, CARBON—26 tons, Edam, London; 2 cs, Dortmund, Auckland
CONCENTRATES—110 tons, Edam, London
SULPHUR—2,721 tons, Spind, Bordeaux; 45 tons, Edam, London; (Dortmund) 2,000 tons, Auckland; 1,500 tons, Sydney
TRIPOLI—13 tons, Dryden, Rotterdam

Houston Exports

Clearance Dates

Buccaneer, February 11; Edam, February 8; Henry Desprez, February 14; Margaret Lykes, February 13; Solarium, February 14; Spreewald, February 10

BLACK, CARBON—(Edam) 229 tons, London; 47 tons, Antwerp; 65 tons, Rotterdam
GASOLINE—8,600 tons, Buccaneer, France; (Solarium) 1,500 tons, Holland; 1,500 tons, United Kingdom
GREASE—3 tons, Edam, Antwerp
KEROSENE—3,000 tons, Solarium, United Kingdom
LUBRICANTS—30 tons, Margaret Lykes, Cristobal
OCTYLENES—2,300 tons, Solarium, Holland
OIL, LUBRICATING—6 tons, Edam, London; (Spreewald) 300 dms, Kobe; 400 dms, Shanghai; 50 dms, Manila
PETROLEUM, CRUDE—14,000 tons, Henry Desprez, Havre
SULPHUR—80 tons, Edam, Rotterdam

Los Angeles Exports

Clearance Dates

Brimanger, February 6; Cuzco, February 3; La Placentia, February 8; Laurits Swenson, February 6; Maui, February 4; Monterey, February 1; Oregonian, February 3; Pacific Pioneer, February 3; San Jose, February 3; Tolten, February 4; Warwick, February 8

ACETONE—124 dms, 44,400 lbs, San Jose, Antwerp
ACID, BORIC—700 bgs, 78,400 lbs, Laurits Swenson, London
MURIATIC—25 cbys, 2,900 lbs, Cuzco, La Libertad
NITRIC—(Cuzco) 130 lbs, La Libertad; 100 lbs, Amapala
SULPHURIC—1 dm, 5 cs, 430 lbs, Cuzco, La Libertad
AMMONIA SULPHATE—1,880 lbs, Cuzco, Mazatlan
ASPHALT—129 dms, 67,200 lbs, Cuzco, Managua
BLACK, CARBON—9,100 lbs, Monterey, Melbourne
BORATE—(San Jose) 1,260 bgs, 227,500 lbs, Havre; 2,520 bgs, 461,300 lbs, Rotterdam; 10,770 bgs, 1,973,080 lbs, Laurits Swenson, London
BORAX—70 pkgs, 7,840 lbs, Cuzco, Mazatlan; 690 bgs, 77,280 lbs, Brimanger, Antwerp; (San Jose) 1,920 bgs, 224,000 lbs, Havre; 560 bgs, 67,200 lbs, Antwerp; 788 bgs, 88,260 lbs, Oporto; 160 bgs, 17,920 lbs, Tolten, Auckland; (Laurits Swenson) 1 bbl, 220 lbs, London; 99 bgs, 11,090 lbs, Oslo
CHEMICALS—100 lbs, Tolten, Papeete
CLAY, GRD—20 bgs, 2,000 lbs, Monterey, Melbourne
COLOR, DRY—5,830 lbs, Monterey, Melbourne
CREOSOTE—100 lbs, Cuzco, Corinto
COTTON LINTERS—450 bls, 237,440 lbs, Pacific Pioneer, Manchester
DIACETONE—5 dms, 2,030 lbs, Pacific Pioneer, London
DIATOMACEOUS EARTH—40 bgs, 4,000 lbs, Cuzco, Eten; 1,102 bgs, 110,200 lbs, San Jose, Havre; (Pacific Pioneer) 126 bgs, 11,760 lbs, London; 1,200 bgs, 123,000 lbs, Manchester; 672 bgs, 67,200 lbs, Tolten, Auckland; (Laurits Swenson) 221 bgs, 22,430 lbs, London; 266 bgs, 27,110 lbs, Liverpool; 1,087 bgs, 110,330 lbs, Fredrikstad
ETHYL KETONE—151 dms, 55,260 lbs, San Jose, Havre; 190 dms, 66,100 lbs, Pacific Pioneer, London
FERTILIZER—320 lbs, Tolten, Papeete
FILM SCRAP—(Laurits Swenson) 9,130 lbs, London; 6,110 lbs, Helsingborg; 1,350 lbs, Helsingfors
GASOLINE—150 dms, 49,330 lbs, Cuzco, Amapala; 8 dms, 2,610 lbs, Tolten, Papeete
HERBS—1,010 lbs, Pacific Pioneer, London
KEROSENE—150 cs, 12,750 lbs, Cuzco, Puntarenas; 45 cs, 50 dms, 21,780 lbs, Tolten, Auckland; 25,976 bbls, 7,403,160 lbs, Warwick, Ioco
LACQUER, COLORED—2,020 lbs, Cuzco, Mexico
THINNER—880 lbs, Cuzco, Mexico
NAPHTHA, PETROL—20 dms, 6,300 lbs, La Placentia, Vancouver
OIL, LEMON—3,400 lbs, Pacific Pioneer, London; 3,000 lbs, Laurits Swenson, London
LUBRICATING—3 cyls, 283 dms, 139,680 lbs, Monterey, Melbourne; 5 dms, 2,330 lbs, Cuzco, San Juan del Sur
PECTIN, CITROUS—1,200 lbs, Monterey, Melbourne; 2,000 lbs, Pacific Pioneer, London
PETROLEUM, CRUDE—31,939 bbls, 16,204,970 lbs, La Placentia, Ioco
GAS, LIQ—33 cyls, 1,940 lbs, Monterey, Melbourne
ROSIN—2 dms, 800 lbs, Monterey, Melbourne
GUM—1,200 lbs, Monterey, Melbourne; 25 bbls, 12,500 lbs, Tolten, Auckland
SODA ASH—100 bgs, 21,030 lbs, Cuzco, Mazatlan
SILICATE—22 dms, 11,000 lbs, Cuzco, La Union
SOLVENTS—31 dms, 11,100 lbs, San Jose, Havre
SULPHUR—50 bgs, 5,000 lbs, Cuzco, La Libertad
TALC—(Cuzco) 50 bgs, 5,000 lbs, Mazatlan; 20 bgs, 2,000 lbs, Tegucigalpa
TOILET PREPS—5,310 lbs, Brimanger, Paris; 210 lbs, Monterey, Nauru; 110 lbs, Laurits Swenson, London; 2,590 lbs, Maui, Havana; 2,510 lbs, Oregonian, San Juan
TURPENTINE—(Tolten) 1,040 lbs, Napier; 2,000 lbs, New Plymouth; 275 cs, 22,000 lbs, Auckland
ZIRCONIUM OXIDE—2,500 lbs, Laurits Swenson, London

New Orleans Exports

Clearance Dates

Baja California, February 3; Cefalu, February 7; Crawford Ellis, February 6; Morazan, February 2; Sixaola, February 1; Ulua, February 7

ASPHALT—180 sx, Morazan, Vera Cruz
BAKING POWDER—80 ctns, Baja California, Belize; 100 cs, Ulua, Tela; 1 ton, Cefalu, Colon
CALCIUM ARSENATE — (Cefalu) 500 dms, Callao; 500 dms, Pisco
CELLULOSE FILM—10 tons, Morazan, Vera Cruz
COLORS, DRY—1 ton, Cefalu, Panama City
DISTILLATE—50 dms, Cefalu, Ceiba
GASOLINE—150 dms, 50 cs, Crawford Ellis, Livingston; (Baja California) 100 cs, 200 dms, Belize; 30 dms, Bluefields
GLUE—50 sx, Morazan, Vera Cruz
KEROSENE—75 cs, 5 dms, Crawford Ellis, Livingston; 1,000 cs, Sixaola, Puerto Barrios; 20 dms, 10 cs, Baja California, Bluefields; (Ulua) 100 cs, 50 dms, Puerto Barrios; 200 cs, Tela
LARD—50 tins, 170 cs, 725 dms, 413 crts, Crawford Ellis, Santiago; 400 tins, Sixaola, Puerto Barrios; 37 crts, Baja California, Belize; 100 tins, Ulua, Puerto Barrios; 200 tins, Morazan, Vera Cruz; (Cefalu) 100 tins, Havana; 35 tins, Guayaquil
OIL, FUEL—25 dms, Crawford Ellis, Livingston; 100 dms, Baja California, Belize; 120 dms, Ulua, Tela; 1,000 bbls, Cefalu, Ceiba; 25 dms, Sixaola, Puerto Cortez
LUBRICATING — 12 dms, Baja California, Bluefields; 4 dms, Ulua, Tela
PINE—60 dms, Cefalu, Callao
REFINED—25 dms, 125 bbls, 50 cs, Baja California, Belize; 750 ctns, 50 cs, Sixaola, Puerto Cortez
PARAFFIN—1,000 sx, Morazan, Vera Cruz; (Cefalu) 200 sx, Guayaquil; 240 sx, Tumaco
PINETAR—5 dms, Baja California, Belize; 15 dms, Cefalu, Havana
ROSIN—36 dms, Cefalu, Havana
SALT—23 tons, Baja California, Belize; 1 ton, Ulua, Tela; 25 tons, Cefalu, Havana
SHRIMP BRAN—200 sx, Cefalu, Panama
SOAP—50 ctns, Baja California, Bluefields
SODA, CAUSTIC — 65 dms, Crawford Ellis, Santiago; 65 dms, Cefalu, Havana
HYDROSULPHITE—40 dms, Morazan, Vera Cruz
TURPENTINE, WOOD — 6 dms, Crawford Ellis, Kingston

Norfolk Exports

Clearance Dates

Black Gull, February 14; Mahseer, February 10; Mormacstar, February 16; Sekstant, February 12

LARD—2,000 bxs, 10 cs, 136 tcs, 190,196 lbs, Mahseer, London
MICA, FLY—200 bgs, 20,400 lbs, Black Gull, Antwerp
OIL, COTTONSEED—3 dms, 1,426 lbs, Mahseer, London
SODA NITRATE—40,000 bgs, 1,944 tons, Sekstant, Hamburg (Loaded at Hopewell, Va)
SOYBEANS—2 lots, 896,000 lbs, Black Gull, Rotterdam
SULPHUR DIOXIDE—15 cyls, 3,318 lbs, Mormacstar, Buenos Aires

Philadelphia Exports

Clearance Dates

Artigas, February 15; Balzac, February 13; Bristol City, February 13; Exminster, February 10; Georgia, February 11; Hammaren, February 14; Lages, February 21; Lehigh, February 13; Manchester Brigade, February 11; Pipestone County, February 13; Polycarp, February 13; Scanpenn, February 14; Ward, February 11; Wasgenwald, February 13; Zaandam, February 16

ALCOHOL, BUTYL—12 dms, Ward, Sydney
ANTI-KNOCK COMP—(Pipestone County) 300 dms, Havre; 175 dms, St Nazaire; 40 dms, Bordeaux; (Ward) 8 dms, Brisbane; 20 dms, Sydney; 10 dms, Newcastle; 10 dms, Melbourne
ASPHALT—5 bkts, Balzac, Cabedello
BENZOL—10 dms, Lages, Rio de Janeiro
BLACK BONE—22 bgs, Ward, Melbourne; 14 bgs, Hammaren, Helsingfors; 70 bgs, Scanpenn, Gothenburg
BRAKE FLUID—2 dms, Georgia, Copenhagen
BRISTLES—13 cs, Mahseer, London
BUTYL ACETATE—(Ward) 30 dms, Sydney; 12 dms, Melbourne
CEMENT, GASKET—23 pkgs, Zaandam, Amsterdam
FIBER—3 dms, 1 cs, Wasgenwald, Hamburg; 11 dms, 3 pls, Georgia, Copenhagen
LIQUID—2 ctns, Balzac, Para
RUBBER—1 cs, Wasgenwald, Hamburg; 11 dms, 8 pls, Georgia, Copenhagen; 6 pkgs, Zaandam, Amsterdam
CHEMICALS—10 dms, Ward, Melbourne; (Artigas) 2 cs, Cork, 3 cs, Dublin
COCOA CAKE—320 pkgs, Zaandam, Amsterdam
COLLODION COTTON—11 pkgs, Manchester Brigade, Liverpool; 253 bbls, Mahseer, London
DYEWOOD EXTRACT—10 bbls, Artigas, Liverpool
ETHYL FLUID—73 dms, Mahseer, London
FILTER SAND—277 bgs, Scanpenn, Gdynia
GASOLINE—(Balzac) 900 dms, 250 cs, Maranhao; 8,000 cs, 400 dms, Ceara
GLAZE—1 cs, Wasgenwald, Hamburg; 1 pl, Georgia, Copenhagen
GREASE, LUBRIC—2 dms, Wasgenwald, Hamburg; (Balzac) 5 cs, 25 bkts, Cabedello; 10 cs, Pernambuco; 3 dms, Georgia, Copenhagen; 1 dm, Hammaren, Helsingfors; 7 bbls, 4 dms, Scanpenn, Gothenburg; 90 bbls, Mahseer, London; (Zaandam) 6 pkgs, Haarlem; 4 pkgs, Rotterdam; 2 pkgs, Amsterdam
INSECTICIDE—10 dms, Exminster, Istanbul; 10 dms, 8 bxs, Mahseer, London
ISOPENTANE—1 bx, Mahseer, London
KEROSENE—(Balzac) 1,800 cs, Maranhao; 3,000 cs, Ceara; 2,500 cs, Natal; 6,000 cs, Bahia
LACQUER—3 ctns, Balzac, Para
LARD—200 pkgs, Manchester Brigade, Manchester
LICORICE CRYSTALS—5 pkgs, Zaandam, Rotterdam
EXTRACT—30 dms, Lehigh, Hull; 20 pkgs, Manchester Brigade, Liverpool
PASTE—170 cs, Lehigh, Hull; 10 cs, Ward, Melbourne; 60 pkgs, Manchester Brigade, Liverpool; 5 cs, Scanpenn, Gothenburg; 75 cs, Mahseer, London
LINSEED CAKE—1,442 bgs, Pipestone County, Havre via St Nazaire; 630 pkgs, Zaandam, Rotterdam
MANGANESE ORE, GRD—27 pkgs, Zaandam, Amsterdam
OXIDE—1 pkg, Lehigh, Hamburg
OIL, LUBRIC—3 dms, Waagenwald, Hamburg; (Exminster) 54 dms, 300 pkgs, Piraeus; 22 dms, Tunis; (Bristol City) 60 pkgs, Cardiff; 12 pkgs, Bristol; 103 pkgs, Swansea; (Pipestone County) 150 dms, Rouen; 180 bbls, Bordeaux; 15 dms, 18 bbls, Havre; 1 cs, Paris; 181 bbls, St Nazaire; (Ward) 174 pkgs, Brisbane; 236 pkgs, Sydney; 1,819 pkgs, Melbourne; 572 pkgs, Adelaide; 59 pkgs, Rockhampton; 33 pkgs, Townsville; 20 cs, 10 dms, Polycarp, Iquitos; (Balzac) 30 cs, 50 dms, Maranhao; 144 pkgs, Ceara; 15 cs, Natal; 132 dms, 80 cs, Cabedello; 150 cs, 175 dms, 16 pkgs, Pernambuco; 55 cs, 10 dms, 10 pkgs, Maceio; (Manchester Brigade) 30 pkgs, Birkenhead; 175 pkgs, Liverpool; 216 pkgs, Manchester; 602 pkgs, Wasgenwald, Hamburg; 4 dms, Georgia, Copenhagen; (Artigas) 100 bbls, Manchester; 65 pkgs, Dublin; 38 pkgs, Glasgow; (Hammaren) 2 dms, Stockholm; 6 dms, Helsingfors; (Scanpenn) 215 dms, 4 hlf dms, 4 qtr dms, Stockholm; 28 dms, Gothenburg; 85 bbls, Copenhagen; 10 bbls, Gdynia; (Zaandam) 1,783 bbls, 140 pkgs, Rotterdam; 24 pkgs, Amsterdam
NEATSFOOT—9 dms, Artigas, Manchester; 50 dms, Scanpenn, Stockholm
PAINT—4 cs, 2 dms, Wasgenwald, Hamburg; (Balzac) 64 ctns, Para; 28 ctns, Manaos; 238 pls, 13 dms, Georgia, Copenhagen; 12 pkgs, Zaandam, Amsterdam
ASPHALT—1 dm, Scanpenn, Gothenburg
PASTE—6 ctns, Balzac, Para
PARAFFIN—84 bbls, Lehigh, Hamburg; 124 pkgs, Wasgenwald, Bremen; 10 bbls, Artigas, Liverpool; 84 bbls, Hammaren, Stugsund
REFINED—35 bgs, Lehigh, Hamburg; 10 bgs, Scanpenn, Gothenburg
POLISH, AUTO—2 ctns, Balzac, Manaos; 4 pkgs, Zaandam, Amsterdam
RESIN, COALTAR—5 dms, Pipestone County, Paris via Havre; 5 dms, Scanpenn, Gothenburg; 31 dms, Mahseer, London
RUBBER COMP—8 pkgs, Zaandam, Amsterdam
RUTILE ORE—13 dms, Lehigh, London
SOAP, LAUNDRY—600 bxs, Mahseer, London
TEXTILE FINISHING AGENT—1 bbl, Pipestone County, Lyons via St Nazaire
VARNISH—8 ctns, Balzac, Para
WAX, FLOOR, LIQUID—2 ctns, Balzac Para
FLOOR, PASTE—5 ctns, Balzac, Para

Port Arthur Exports

Clearance Dates

Arminda, February 9; Barbro, February 10; Ida Z O, February 6; Stella Lykes, February 6; Realf, February 6; Senator, February 8; Skarnas, February 9; West Cohas, February 7

ASPHALT—402 dms, 5 cs, 217 bbls, Skaraas, Stockholm; 2 cs, 11 dms, Arminda, Port au Prince
LIQUID—(Arminda) 6 bxs, Kingston; 2 bxs, Port au Prince; 1 bx, Ciudad Trujillo
PETROLEUM—(Stella Lykes) 716 dms, 1 bx, San Juan; 1 bx, Aguadilla; 1 bx, Mayaguez; 50 dms, Ponce; 1,559 bbls, 857 dms, West Cohas, London
GASOLINE — 52,965 bbls, Realf, Stockholm; 54,719 bbls, 6 cs, Senator, Bilbao; 92,469 bbls, Skaraas, Stockholm-Malmo; (Arminda) 800 bbls, 15 cs, Kingston; 100 cs, 802 bbls, Port au Prince; 300 dms, Barranquilla; 50 cs, Gonaives; 50 cs, Ciudad Trujillo
GREASE, LUBRIC—(Stella Lykes) 4 dms, 13 ctgs, 16 cs, 3 ctns, San Juan; 1 ctg, 1 cs, Arecibo; 5 cs, Aguadilla; 3 pls, 3 cs, Mayaguez; 3 dms, 3 ctgs, 2 ctns, 4 cs, Ponce; 10 dms, 135 ctgs, 201 cs, 20 ctns, West Cohas, London; 248 dms, 346 cs, Skaraas, Stockholm; (Arminda) 130 dms, 177 cs, Kingston; 35 cs, 12 dms, Port au Prince; 131 dms, 10 pls, 26 cs, Barranquilla; 32 dms, 17 cs, Ciudad Trujillo; 8 dms, 13 cs, Puerto Plata
KEROSENE — (Stella Lykes) 1,600 cs, San Juan; 505 cs, Arecibo; 400 cs, Aguadilla; 800 cs, Mayaguez; 200 cs, Ponce; 35 dms, West Cohas, London; 13,909 bbls, Skaraas, Stockholm-Malmo; (Arminda) 85 bbls, 4,550 cs, Kingston; 1,300 cs, Port au Prince; 100 cs, Gonaives; 4,550 cs, 5 dms, Ciudad Trujillo; 1,010 cs, 20 bbls, Puerto Plata
OIL—10 bbls, 15 dms, Stella Lykes, Guanica
DIESEL — 6,917 bbls, Skaraas, Stockholm-Malmo; 37,922 bbls, Barbro, Santander and Bilbao
LUBRICATING—19,721 bbls, 701 dms, Senator, Bilbao; 461 dms, 276 cs, 5 crts, Skaraas, Stockholm; (Arminda) 428 dms, 972 cs, Kingston; 59 cs, 94 dms, Port au Prince; 752 dms, 242 cs, Barranquilla; 20 dms, Gonaives; 112 dms, 101 cs, Ciudad Trujillo; 36 dms, 40 cs, Puerto Plata; 29,088 bbls, Barbro; Santander-Bilbao
LUBRICATING, PALE—123 bbls, 40 dms, Ida Z O, Genoa; (Stella Lykes) 283 dms, 12 ctgs, 83 cs, 186 ctns, San Juan; 3 dms, 4 cs, 52 ctns, Arecibo; 3 dms, 5 cs, 13 ctns, Aguadilla; 13 dms, 2 ctgs, 3 cs, 32 ctns, Mayaguez; 21 dms 10 cs, 40 ctns, Ponce; 353 dms, 69 bbls, 35 ctdgs, 20 cs, 20 ctns, West Cohas, London

PAINT, PREPARED—(Arminda) 1 dm, Kingston; 6 dms, Ciudad Trujillo
PARAFFIN—10 cs, Stella Lykes, San Juan; (Arminda) 20 cs, Kingston; 100 bgs, Port au Prince
SOLVENT, CLEANING—(Stella Lykes) 2 dms, San Juan; 2 cs, Arecibo; 10 cs, Ponce
WAX—(Ida Z O) 2,484 bgs, Genoa; 248 bgs, Venice
DRESSING—5 cs, Arminda, Kingston

San Francisco Exports

Clearance Dates

Akatuki, February 2; Brimanger, February 4; Kiyo, February 3; Maui, February 3; Peter Lassen, February 3; San Luis, February 7; Sandanger, February 4; Saparoea, February 4; Sofie Bakke, February 2; Teiyo, February 8; Tolten, February 2; Vinni, February 8; Warwick, February 6

ACETATE—(Tolten) 5 dms, Christchurch; 4 dms, Auckland
ACETYLENE—2 cyls, Tolten, Papeete
ACID, SULPHURIC—50 crbys, Saparoea, Manila
AMMONIA CARBONATE—1 cs, Tolten, Papeete
ASPHALT—(Tolten) 49 dms, Melbourne; 10 dms, Sydney; (Saparoea) 25 dms, Manila; 25 dms, Rangoon; 100 dms, Sourabaya; 5,650 dms, Samarang-Batavia-Sourabaya
GILSONITE—10 sks, Tolten, Wellington; 52 sks, Saparoea, Calcutta; 53 sks, Brimanger, France
BARYTES—100 sks, Tolten, Wellington
BLACK, BONE—2 cs, Saparoea, Batavia
CARBON—334 sks, Saparoea, Palembang
BENZIN—(Tolten) 15 dms, Wellington; 60 dms, Melbourne; 20 dms, Sydney
BIOLOGICALS, VET—1 cs, Maui, Panama
BLUE, LAUNDRY—10 cs, Saparoea, Manila
ULTRAMARINE—1 kg, Tolten, Papeete
BRAKE FLUID—3 cs, Tolten, Papeete
CARBON BISULPHIDE — 4 dms, Saparoea, Manila
DIOXIDE—6 cyls, Tolten, Papeete
CEMENT, FLOOR—5 pls, 2 cs, Sofie Bakke, England
ROOF—3 cs, Sofie Bakke, England; 4 dms, Saparoea, Calcutta
CHEMICALS—(Saparoea) 1 cs, Calcutta; 10 cs, Singapore
CHLORINE BLEACH, LIQ—33 cs, Tolten, Papeete
CLARIFYING MATERIAL—1 cs, Tolten, Papeete
CLEANER—10 cs, Tolten, Papeete; 6 cs, Saparoea, Manila
COLOR, DRY—3 cs, Tolten, Papeete
COPPERAS—20 kgs, Tolten, Papeete
DENTIFRICE—15 cs, Saparoea, Singapore
DRESSING, LEATHER—1 cs, Tolten, Papeete
FERRIC SULPHATE—4 tins, Tolten, Wellington
FILLER, WOOD—1 cs, Tolten, Papeete
FLYPAPER—5 cs, Tolten, Papeete
GASOLINE—217 dms, 772 cs, Tolten, Papeete; 6,000 bbls, Akatuki, Tokuyama; (Sandanger) 15,000 bbls, Hongkong; 26,538 bbls, Shanghai
AVIATION—6 cs, Tolten, Papeete
GLAUBER'S SALT—100 sks, Tolten, Wellington
GLUCOSE—(Tolten) 16 bbls, Wellington; 10 bbls, Bluff
GLUE—1 cs, Tolten, Wellington
LIQUID—1 dm, Tolten, Wellington
GREASE—(Tolten) 3 dms, Melbourne; 5 dms, Wellington; 25 dms, Auckland; 13 cs, Papeete; (Saparoea) 10 dms, Singapore-Port Swettenham; 3 dms, 20 pls, Rangoon
AXLE—10 cs, Tolten, Papeete
HOPS—1 bl, 7 cs, Tolten, Papeete; 9 bls, Saparoea, Solan
HYDROGEN PEROXIDE—(Tolten) 40 cs, Auckland; 234 cs, Wellington; 32 cs, Christchurch
INK—3 cs, Tolten, Papeete
PRINTING—(Saparoea) 16 kgs, Batavia; 10 dms, Manila
INSECTICIDE—3 cs, Tolten, Papeete
KEROSENE—(Tolten) 125 dms, Sydney; 1,259 cs, Papeete; (Sandanger) 39,241 bbls, Hongkong; 30,000 bbls, Shanghai
LACQUER—1 cs, Tolten, Papeete
THINNER—25 cs, 12 dms, Saparoea, Calcutta
LARD, SUBSTITUTE—100 cs, Tolten, Papeete
LEAD, RED—50 kgs, Saparoea, Borneo
LIMESTONE, POWD—8 sks, Peter Lassen, Puerto Armuelles
LINING COMP—1 dm, Tolten, Auckland
LYE—7 cs, Tolten, Papeete
MEDICINAL PREPS—6 cs, Tolten, Papeete; (Maui) 3 pkgs, Georgetown; 1 cs, Kingston
MILK POWDER—8 cs, Tolten, Papeete
NAPHTHA, PETROL — (Tolten) 25 dms, Lyttelton; 120 dms, Melbourne; 120 dms, Sydney
OIL—13 dms, Tolten, Papeete
CASTOR, LUBRIC—25 cs, Tolten, Auckland
DIESEL—45,604 bbls, San Luis, Japan
ENGINE—20 cs, 1 dm, Tolten, Papeete
GEAR—1 dm, Tolten, Papeete
HOP—1 cs, Tolten, Papeete
LINSEED—13 kgs, 7 dms, 2 pls, 9 cs, Tolten, Papeete
LUBRICATING—(Tolten) 760 dms, Sydney; 145 dms, Melbourne; 117 dms, 40 cs, Auckland; 56 dms, Wellington; 35 dms, OIL, LUBRICATING (Continued):—
Lyttelton; 2 dms, 6 cs, Papeete; (Saparoea) 20 dms, Calcutta; 47 cs, 170 dms, Batavia; 75 dms, Medan; 350 dms, Penang; 109 dms, Singapore-Port Swettenham; 50 dms, Port Swettenham; 95 dms, 1 cs, Rangoon; 80 dms, Pontianak; 100 dms, Palembang; 30 dms, 30 cs, Sourabaya; 50 dms, Fremantle; 1,200 bbls, Warwick, Port Moody
NEATSFOOT—1 dm, Tolten, Papeete
OILPROOF COMP—4 pls, Tolten, Auckland
OXYGEN—5 cyls, Tolten, Papeete
PAINT—43 cs, 4 kgs, Tolten, Papeete; 24 pls, 27 cs, Sofie Bakke, England; (Maui) 1 cs, Havana; 24 cs, Colon; (Saparoea) 19 cs, 3 dms, Manila; 80 cs, 202 pls, 11 dms, Calcutta; 45 pls, 25 cs, Manila; 84 cs, Singapore; 12 pls, Rangoon; 10 pls, Sourabaya
COLD WATER—10 cs, Tolten, Papeete
COPPER—3 cs, Tolten, Papeete
ENAMEL—4 cs, Tolten, Papeete
PASTE—9 cs, Tolten, Papeete
PREPARED—2 dms, 64 cs, Tolten, Papeete
PARAFFIN, CRUDE—2 bbls, Tolten, Wellington
PETROLEUM—(Tolten) 63 dms, Melbourne; 50 cs, Auckland; 200 cs, Wellington; 10 dms, 20 cs, Lyttelton; 75 dms, Sydney; 10 cs, Saparoea, Batavia
CRUDE—81,000 bbls, Akatuki, Tokuyama; 50,000 bbls, Kiyo, Genson; 24,782 bbls, San Luis, Japan; 87,000 bbls, Teiyo, Tokuyama
PINETAR—1 dm, Tolten, Papeete
POLISH—3 cs, Tolten, Papeete
POTASH XANTHATE—72 dms, Vinni, Cuba
PUTTY—5 cs, Tolten, Papeete
ROSIN, WOOD—(Tolten) 40 bbls, Wellington; 5 bbls, Napier
SALT—(Tolten) 500 cs, Newcastle; 146 bbls, 309 sks, 115 pkgs, Papeete
SHELLAC—3 cs, Tolten, Papeete
SOAP—1 cs, Tolten, Papeete
LAUNDRY—15 cs, Saparoea, Manila
POWDER—1 pkg, Tolten, Papeete
TOILET—3 cs, Tolten, Papeete
SOAPSTONE—1 cs, Saparoea, Manila
SODA ASH—10 sks, Tolten, Papeete
COMPOUND—1 cs, Tolten, Papeete
SOLVENT, PETROL—(Tolten) 16 dms, Christchurch; 3 dms, Wellington; 6 dms, Auckland
TOILET PREPS—6 cs, Tolten, Papeete; (Saparoea) 1 cs, Cawnpore; 7 cs, Calcutta
TREEWASH—2 dms, Tolten, Melbourne
TURPENTINE—(Tolten) 2 cs, Papeete; 15 dms, Auckland; 5 dms, Wellington; 2 dms, Bluff; 1 cs, Papeete
WOOD—3 dms, Tolten, Lyttelton
VARNISH—2 cs, Tolten, Papeete
STAIN—2 cs, Tolten, Papeete
VERMIN EXTERMINATOR—2 cs, Tolten, Papeete
WAX, PASTE—1 cs, Tolten, Papeete
POLISHING—5 cs, Tolten, Papeete
XANTHATE—20 dms, Vinni, Bolivia
ZINC DUST—30 dms, Saparoea, Port Swettenham

Savannah Exports

Clearance Dates

Irisbank, February 13; Mormacstar, February 13

GLUCOSE—(Irisbank) 45 bbls, Manila; 15 bbls, Iloilo
OIL, PINE—12 dms, Irisbank, Manila
ROSIN GUM—140 dms, Mormacstar, Rio Janeiro; (Irisbank) 75 bbls, Hongkong; 1,200 bbls, Shanghai

Tampa Exports

Clearance Dates

Askeladden, February 11; Cornish City, February 10; Goldfield, February 11; Laguna, February 9; W M Delphia, February 10

BAKING POWDER—9 cs, Goldfield, Georgetown
GASOLINE—6 dms, Laguna, Belize; 6 dms, W M Delphia, Belize; 49 dms, Goldfield, Georgetown
INVALIDS' FOOD—7 cs, Goldfield, Georgetown
KEROSENE—23 dms, Goldfield, Georgetown
LARD SUBSTITUTE—5 tins, 1 cs, Goldfield, Georgetown
OIL, COOKING—1 ctn, Goldfield, Georgetown
LUBRICATING—3 dms, Goldfield, Georgetown
PHOSPHATE—9,006 tons, Cornish City, Yokohama-Osaka-Kobe
SOAP, LAUNDRY—13 cs, Goldfield, Georgetown
SODA, BICARBONATE—2 ctns, Goldfield, Georgetown
STARCH, CORN—9 cs, Goldfield, Georgetown
TOILET PREPS—7 bxs, 5 ctns, Goldfield, Georgetown
WAX, LIQUID PRESERVATIVE—100 gls, Askeladden, Kingston
EMULSION—110 gls, Askeladden, Kingston

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—3,199 bbls, Cities Service Koolmotor, Boston; 58,938 bbls, Cities Service Missouri, New York; 3,771 bbls, Sunbeam, Carteret, N J; 1,942 bbls, Amsco, New York
GAS—21,870 bbls, Cities Service Missouri, New York; 76,163 bbls, Sunbeam, Carteret, N J; 36,752 bbls, Amsco, New York
PETROLEUM, CRUDE—91,338 bbls, Federal, Houston; 69,186 bbls, Cities Service Koolmotor, Boston; 70,166 bbls, Cities Service Boston, Boston; 148,608 bbls, John D Archbold, Baytown; 163,165 bbls, W W Bruce, Texas City; 106,157 bbls, Wm G Warden, Baytown; 59,534 bbls, Glenpool, Baytown; 42,540 bbls, Dannedaike, Baytown; 50,208 bbls, Thermo, Baytown; 64,549 bbls, Franklin K Lane, Baytown; 9,596 bbls, Amsco, New York; 74,453 bbls, Dungannon, Port Neches

Los Angeles Coast Trade

GASOLINE—4,494 bbls, La Purisima, Portland; 5,711 bbls, San Diegan, San Diego; 76,063 bbls, Mojave, Portland; 39,853 bbls, Deroche, Portland; 37,753 bbls, Edwin B de Golio, San Francisco; 6,310 bbls, San Diegan, San Diego; 61,088 bbls, Huguenot, San Francisco; 8,400 bbls, Camden, Martinez; 38,000 bbls, Camden, Portland; 11,113 bbls, Tejon, Portland; 67,000 bbls, Texas Sun, New York
KEROSENE—7,289 bbls, La Purisima, Oleum; 4,000 bbls, Camden, Portland; 57,000 bbls, Texas Sun, New York
OIL, DIESEL—1,487 bbls, San Diegan, San Diego; 15,815 bbls, Agwiworld, Portland; 26,208 bbls, Deroche, Portland; 20,365 bbls, Huguenot, San Francisco; 24,000 bbls, Camden, Portland; 3,246 bbls, Tejon, Portland
FUEL—47,867 bbls, Torres, Portland; 4,734 bbls, Mojave, Portland; 7,386 bbls, Stanley A Griffiths, Seattle; 2,375 bbls, Coast Trade, Portland; 54,246 bbls, Agwiworld, Portland; 5,374 bbls, Deroche, Portland; 12,152 bbls, El Cedro, Seattle; 1,615 bbls, Scotia, Eureka; 52,874 bbls, Tejon, Portland; 62,000 bbls, Emidio, Bayonne; 69,000 bbls, D G Scofield, Fall River
FURNACE—6,734 bbls, La Purisima, Portland; 8,402 bbls, Deroche, Portland; 2,641 bbls, Tejon, Portland
GAS—10,163 bbls, La Purisima, Oleum
PETROLEUM DISTILLATE—52,408 bbls, Paul Shoup, Avon

Philippines Reject Standard Oil Prospecting Bid

President Manuel L. Quezon announced that he had rejected the bid submitted by the Standard-Vacuum Oil Company for the development of possible oil resources in the Philippine Islands. It has been decided to permit the National Development Company, a government subsidiary, to do the prospecting.

Paint Materials

Lacquer Materials

—*Continued from page* 32

ments were moving to basic consuming industries in moderate volume.

Cellulose Acetate.—While there were no new developments to report, demand continued to make a better comparison than the same period a year ago, reflecting relatively improved operating schedules in principal consuming lines.

Dibutyl Phthalate. — Demand for plasticizing purposes in the lacquer and plastic trades was maintained at steady levels throughout the past week. Prices underwent no alteration.

Ethyl Acetate.—Sellers were able to point to a fairly steady interest in the market at this time. Pricewise a steady to firm tone characterized the dealings.

Vinyl Acetate. — Increasing consumption of vinyl acetate resins in safety glass and moulding compounds provided an expanding market for this material. Quotations were in conformity with those previously in effect.

Driers

Small gains in the demand for palmitates and stearates were of no satisfaction to producers last week as the trend of the market continued sluggish. The general improvement of business conditions noted for most paint materials had not as yet shown itself here.

Glues and Binders

Casein. — Despite the reduction in prices two weeks ago demand failed to pick up. Prospective purchasers of the material were apparently waiting for the new crop before placing orders. All prices remained at the quoted levels.

Glues.—The surprising strength of the market noted since the beginning of the month continued to show itself last week. All prices remained at the quoted levels.

Plastics Production Gained 37 Percent in 1937

The total production of plastics in 1937 by establishments in the chemical industry was valued at $60,465,370, an increase of 37.3 percent as compared with $44,035,686 reported for 1935, according to preliminary figures compiled from returns of the recent Biennial Census of Manufactures, released by the Bureau of the Census. Plastic production by kind, quantity, and value in 1937 and 1935, follows:—

	1937.	1935.
Nitrocellulose (pyroxylin)—		
Establishments	11	13
Total production, not including finished articles, pounds	18,122,788	16,290,519
Made and consumed in same establishments, pounds	3,271,971	2,958,859
Produced for sale—		
Pounds	14,850,817	13,340,660
Value	$12,526,206	$10,682,358
Finished articles of nitrocellulose (pyroxylin) made in producing establishments in "Chemicals Not Elsewhere Classified" industry, value*	$4,389,159	$5,116,420
Cellulose acetate—		
Establishments	6	6
Pounds	18,923,603	10,395,290
Value	$12,199,744	$7,986,489
Coaltar resins—		
Total pounds	†131,568,162	†87,718,953
Total value	†$23,583,627	†$15,672,401
Derived from—		
Phenol and/or cresol—		
Establishments	20	20
Pounds	89,944,210	52,326,946
Value	$16,762,554	$9,929,904
Phthalic anhydride—		
Establishments	10	10
Pounds	25,561,432	17,900,745
Value	$4,530,695	$2,946,897
Other coaltar resins—		
Establishments	9	7
Pounds	16,062,520	17,491,262
Value	$2,290,378	$2,795,000
Other plastics and synthetic resins, including synthetic rubber, value	$7,766,634	$4,578,018

* In addition, nitrocellulose articles are made from purchased nitrocellulose plastics by establishments in certain other industries, including "Synthetic-Resin, Cellulose-Plastic, Vulcanized-Fiber, and Molded and Pressed Pulp Fabricated Articles, Not Elsewhere Classified," "Brushes, Other Than Rubber," and "Pens, Fountain and Stylographic," etc.

† Includes data for an indeterminable amount of materials used as fillers, such as wood flour, etc. See also Tariff Commission report No. 132, 1937, entitled "Dyes and Other Synthetic Organic Chemicals in the United States, 1937."

J.D. Lewis, Inc., Develops Two New Synthetic Resins

John D. Lewis, Inc., Providence, R. I., has created two new "all-purpose" resins. These new resins, designated as "Lewisols" Nos. 305 and 310 are said to be effective in the formulation of all ordinary types of varnishes, paints and enamels, including four-hour white enamels, floor paints, inside or outside trim, spar varnishes, gasoline station paint, etc. "Lewisol" No. 305 is for colors; No. 310 is for whites or light tints. Both products are claimed to formulate products of high quality, excellent gloss and good adhesion in long or short varnishes.

Current Market Quotations

Zinc, Oxide—Zir. Oxide

—*Continued from page* 19

Zinc, oxide, pigment, dom., Amer. process, leaded, 5%, bbls., c.l., dlvd..lb.	.06⅜- —
l.c.l., dlvd. except Pac. cst.....lb.	.06⅝- —
ex whse., Pac.cst.lb.	.06⅝- —
35% bgs., c.l., dlvd.lb.	.06 - —
l.c.l., dlvd., except Pac. cst..lb.	.06¼- —
ex whse., Pac. cst. lb.	.06¼- —
bbls., c.l., dlvd.....lb.	.06¼- —
l.c.l., dlvd., except Pac. cst..lb.	.06½- —
bgs., l.c.l., ex whse., Pac. cst..lb.	.06½- —
50% bgs., c.l., dlvd., except Pac. cst.lb.	.0606- —
Pac. cst.....lb.	.0612 - —
l.c.l., dlvd., except Pac. cst..lb.	.0631- —
ex whse., Pac. cst. lb.	.0631 - —
bbls., c.l., dlvd....lb.	.0631- —
l.c.l., dlvd., except Pac. cst..lb.	.0656 - —
ex whse., Pac. cst. lb.	.0656 - —
French process, com'l, lead-free, bgs., c.l., dlvd.lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst..lb.	.06¼- .07⅝
ex whse., Pac. cst..lb.	.06¼- .07⅝
bbls., c.l., dlvd.....lb.	.06¼- .07⅝
l.c.l., dlvd., except Pac. cst..lb.	.06⅜- .08
ex whse., Pac. cst..lb.	.06⅜- .08
green seal, bgs., c.l., dlvd..lb.	.08 - —
l.c.l., dlvd., except Pac. cst..lb.	.08¼- —
ex whse., Pac. cst..lb.	.08¼- —
green seal, bbls., c.l., dlvd. lb.	.08½- —
l.c.l., dlvd., except Pac. cst..lb.	.08½- —
ex whse., Pac. cst..lb.	.08½- —
red seal, bgs., c.l., dlvd..lb.	.07¼- —
l.c.l., dlvd., except Pac. cst..lb.	.07¼- —
ex whse., Pac. cst..lb.	.07¼- —
bbls., c.l., dlvd.....lb.	.07¾- —
l.c.l., dlvd., except Pac. cst..lb.	.08 - —
ex whse., Pac. cst..lb.	.08 - —
white seal, bgs., c.l., dlvd. lb.	.08¼- —
l.c.l., dlvd., except Pac. cst..lb.	.08¾- —
ex whse., Pac. cst..lb.	.08¾- —
bbls., c.l.....lb.	.08¾- —
l.c.l., dlvd., except Pac. cst..lb.	.09 - —
ex whse., Pac. cst..lb.	.09 - —
import, gold seal, cks., ex whse..lb.	.13 - .14
green seal, bbls., ex whse.lb.	.10 - —
white seal, cks., ex whse., lb.	.11 - .12¼
USP, bbls., c.l.....lb.	.09¼- —
Palmitate, bbls.....lb.	.23 - .35
Resinate, fused, pale, bbls...lb.	.10 - —
precip., dms., dlvd.....lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20 - —
l.c.l., 1 ton.....lb.	.21 - —
1,000-2,000 lbs.....lb.	.22 - —
less than 1,000 lbs..lb.	.23 - —
U.S.P., bbls.....lb.	.21 - .32
Sulphate, cryst., bgs., c.l.100 lbs.	2.75 - —
l.c.l. .....100 lbs.	3.50 - —
bbls., c.l. .....100 lbs.	2.90 - —
l.c.l. .....100 lbs.	3.65 - —
flake, bgs., c.l. .....100 lbs.	3.10 - —
l.c.l. .....100 lbs.	3.85 - —
bbls., c.l. .....100 lbs.	3.25 - —
l.c.l. .....100 lbs.	4.00 - —
powd., bgs., c.l.....100 lbs.	4.35 - —
l.c.l. .....100 lbs.	5.10 - —
bbls., c.l. .....100 lbs.	4.50 - —
l.c.l. .....100 lbs.	5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.07⅝- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¼- —
bbls., c.l. (20 tons), dlvd..lb.	.08⅛- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08⅝- —
Sulphocarbolate, NF, bbls....lb.	.24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 - —
l.c.l. works .....100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05 - —
l.c.l., dlvd., except Pac. cst..lb.	.05½- —
ex whse., Pac. ct..lb.	.05¼- —
Zirconium nitrate, kgs., works.lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00 -100.00
white, 98%, rgd., kgs., works, lb.	1.30 - 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the February 6 issue; the next printing will be in the March 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 30.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

OLD ESTABLISHED firm which has been successful in marketing by-products is interested in hearing from reliable concerns who are desirous of finding an outlet for their surplus products. BOX 282, Oil, Paint and Drug Reporter.

ESTABLISHED OHIO firm would be interested in representing A-1 producers of pigments, oils, chemicals or other raw materials. BOX 303, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS — Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcon Company, 30 Church street, New York City.

FOR SALE—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 281, Oil, Paint and Drug Reporter.

FOR SALE—Kent three roller mill, water cooled, 12 x 30 in., motor attached, like new. BOX 294, Oil, Paint and Drug Reporter.

Equipment Offered

FIND what you want right in New York City. Pony mixers, post mixer, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers, Storms-Harvey Equipment Company, 123 Bleecker street, SPring 7-8955.

Equipment Wanted

WANTED—175- or 200-gallon lead and paste mixer, standard grade. Send full particulars to Box E, Franklin station, Baltimore, Md.

Factories Offered

MODERN FACTORY, brick, one story, 100x100, concrete floor, no columns, high ceiling, steam plant. Unrestricted district in Brooklyn 1½ blocks from subway. Rent $175 month. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Investment Wanted

SALES EXECUTIVE with an established following in the chemical, drug, cosmetic industry will make an investment for expansion and accept connection in a progressive concern. BOX 305, Oil, Paint and Drug Reporter.

Manufacturer Wanted

OWNER of excellent skin salve formula anxious to contact manufacturer interested in producing and merchandising it on royalty basis. Inexpensive to manufacture but gives amazing results. For sample write BOX 304, Oil, Paint and Drug Reporter.

Manufacturing Wanted

WE ARE completely equipped with dryers, agitating tanks, mixers, grinders, pulverizers and screens to manufacture your products according to your formulas. Let us quote on your requirements. BOX 285, Oil, Paint and Drug Reporter.

Materials Wanted

DESIRE TO PURCHASE disposal stocks of paints, oils, varnishes, industrial chemicals, dry colors, automotive synthetics or lacquers, associated sundries. King Paint Co., 3722 Union street, Flushing, N. Y. INdependence 3-7126.

Positions Vacant

SALESMAN WANTED by old-established house to sell refrigeration and institutional chemicals in New York City vicinity; write fully. BOX 298, Oil, Paint and Drug Reporter.

SMALL, well-established company producing synthetic organic chemicals in Eastern United States will employ a research chemist and also a chemical engineer. Applicants must be under forty, must have sound educational background, plus at least two years' experience, and must be willing to live permanently in small town, and not be afraid of hard work. BOX 299, Oil, Paint and Drug Reporter.

SALESMEN WANTED, well established and in steady contact with paper, glass, ceramic, disinfecting factories and tanneries, yet able to take over several easy selling products. Also salesmen to sell chemicals to drug stores. BOX 301, Oil, Paint and Drug Reporter.

Positions Wanted

POSITION WANTED:—Printing ink, dry color chemist, desires position with reliable firm in either or related fields. BOX 297, Oil, Paint and Drug Reporter.

YOUNG MAN age 30, 12 years experience color matching, mixing, and grinding in the manufacture of lacquers, paints, and printing ink desires position with manufacturing concern where effort and application would be appreciated. BOX 300, Oil, Paint and Drug Reporter.

SECRETARY — Male, age 26, graduate chemical engineer 10 years' business experience as secretary, stenographer and cost clerk, wants permanent connection with chemical manufacturer. Opportunity is main consideration. BOX 302, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers — If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

CHECK INVENTORIES — Cash for any quantity, surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also purchase complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Fertilizer Materials

Markets at Other Centers

—Continued from page 47

San Francisco, Feb. 21.—Continued heavy shipments of fertilizer materials against former contracts, with both domestic and imported chemical products featured, coupled with light supplementary buying, revealed that the fertilizer spreading season was in full swing in California last week. Low crop prices of last year have caused a good portion of the trade to surmise that the movement would be of a smaller total this season, but at the present rate of activity there is little room for complaint. Domestic sulphate of ammonia production has been sold out for the season.

Ruling prices are:—

SULPHATE OF AMMONIA.—In 100-pound bags, $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA. — In 100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE. — Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. 11 percent and 48 percent P.A. material quoted at $53 per ton, cars, port basis, and $1 per ton extra for delivery inland.

FISH MEAL.—California sardine meal is quoted at $39 per ton, f.o.b. cars, Monterey and $40 per ton, f.o.b. cars, San Francisco Bay points.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted nominally at $2.85 and 10c. per unit-ton, f.o.b. cars, San Francisco. Dry rendered, ground, quoted at $40 per ton, f.o.b. cars; unground, dry rendered, quoted at 62½c. per unit of protein.

BLOOD MEAL.—Domestic blood meal is quoted on the basis of from $2.80 to $2.85 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Leon A. Axel, Ltd., Gets Wolf Packaging Award

Leon A. Axel, Ltd., has won the Irwin D. Wolf trophy in the eighth competition for the Wolf awards for merit in packaging, the American Management Association, sponsoring the competition, announced. The prize was given for a "Rainsuiter" display carton.

The package, selected from more than 1,100 developed during 1938, becomes the "package of the year" on the basis of the objective of the awards "to accord recognition to achievement in the field of packaging, to stimulate constructive interest in the practical, mechanical and technical development of improved packages and to arouse creative interest in manufacturers of packages."

Honors were awarded in twenty-one merchandising classifications. All entries will be on display at the packaging exposition to be held at the Hotel Astor, this city, March 7-10.

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Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acetone:—Agency; Helsinki, Finland (617).

Acid, citric:—Purchase; Sao Paulo (547).

Acid, tartaric:—Purchase; Sao Paulo (547).

Bichromates:—Agency; Helsinki, Finland (617).

Black, carbon: — Agency; Shanghai, China (527).

Chalk, powdered:—Purchase; Brussels, Belgium (526).

Coaltar Solvents: — Agency; Helsinki, Finland (617).

Chemicals, industrial: — Purchase and agency; Enschede, Netherlands (620).

Filter aids:—Purchase; Sydney, Australia (559).

Perfumes:—Agency; Casablanca, Morocco (551).

Plastics:—Purchase and agency; Brisbane, Australia (602).

Resins, natural and synthetic:—Purchase; Sao Paulo, Brazil (547).

Resins, synthetic: — Agency; Toronto, Canada (618).

Soda ash, calcinated:—Purchase; Stockholm, Sweden (530).

Soda, Caustic:—Purchase; Sao Paulo, Brazil (547).

Toilet preparations:—Agency; Calcutta, India (535).

Toilet preparations:—Agency; London, England (529).

J. J. Summerell, district manager for Chilean Nitrate Sales Corporation, is reported in a critical condition in a hospital in Raleigh, N. C., suffering a spinal injury sustained in an automobile accident on February 9.

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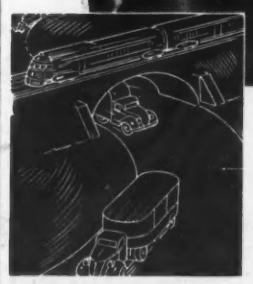

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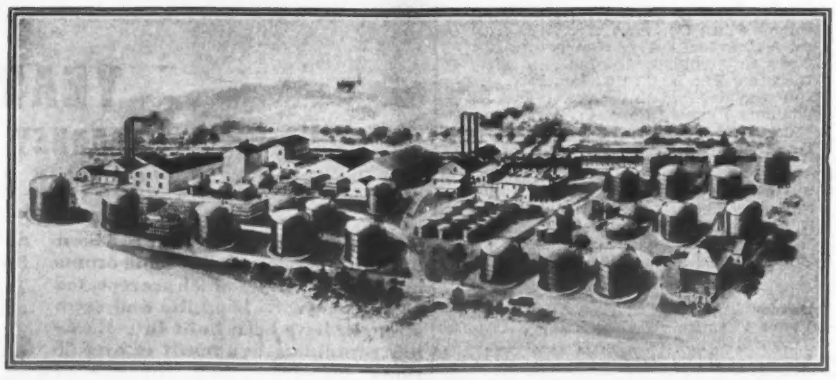

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